Fig. 1

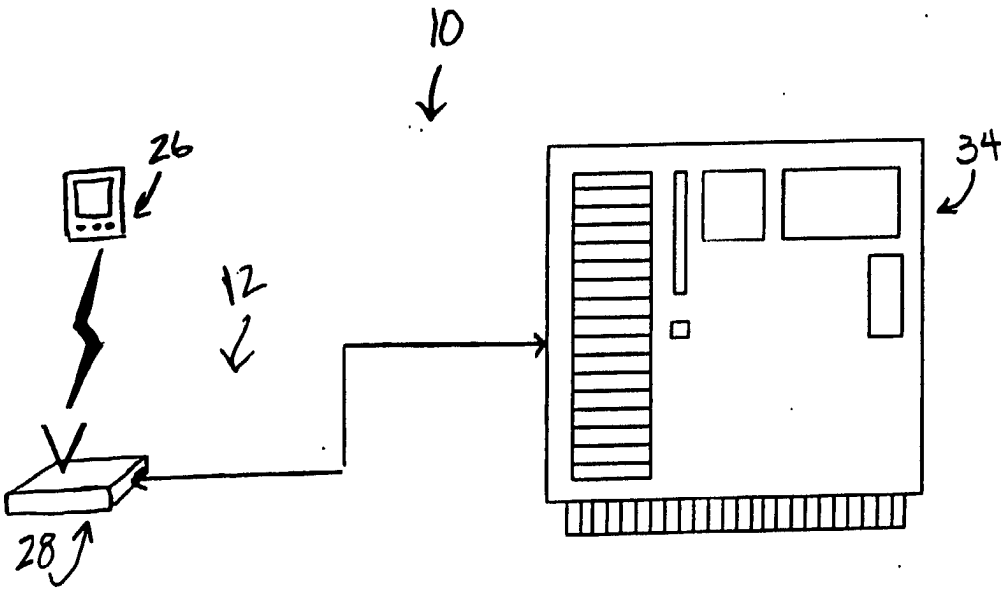


Fig. 2

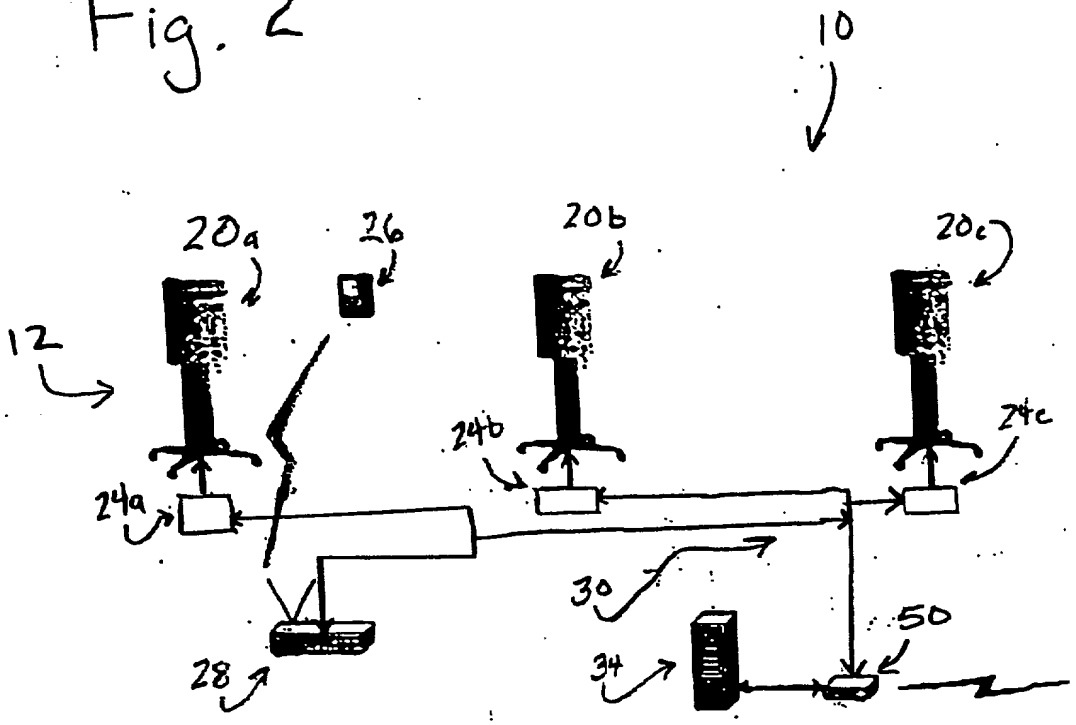


Fig. 3

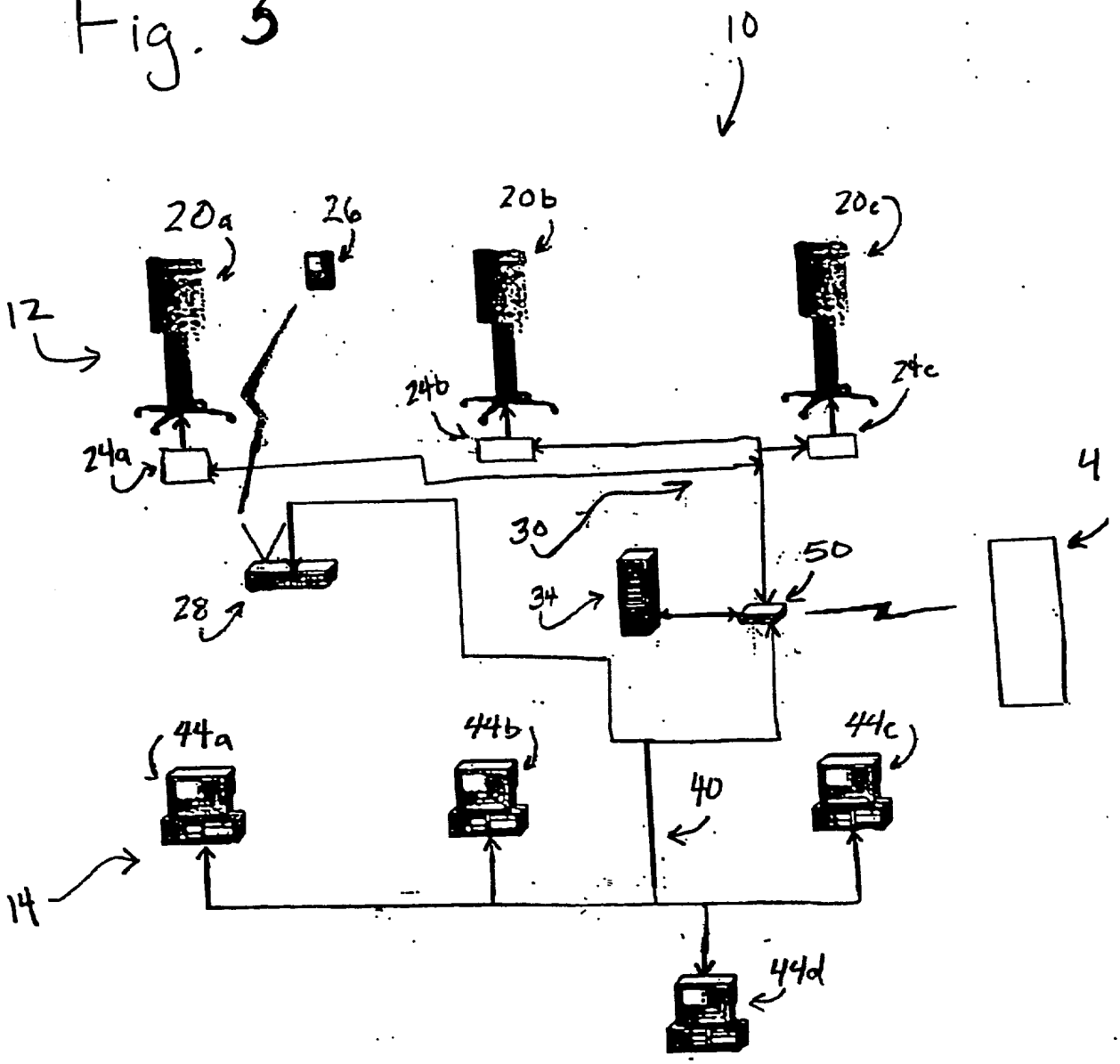


Fig. 4

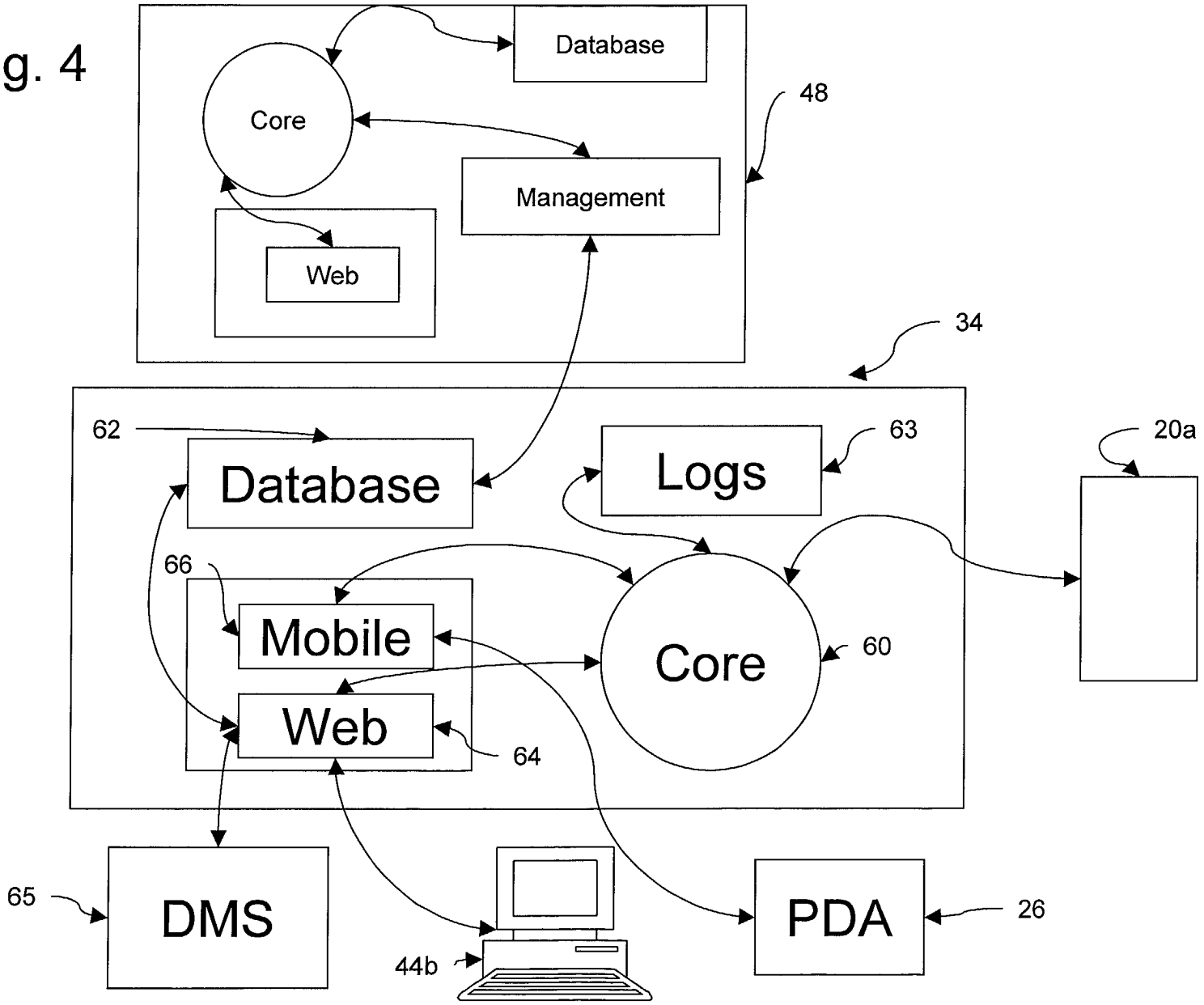
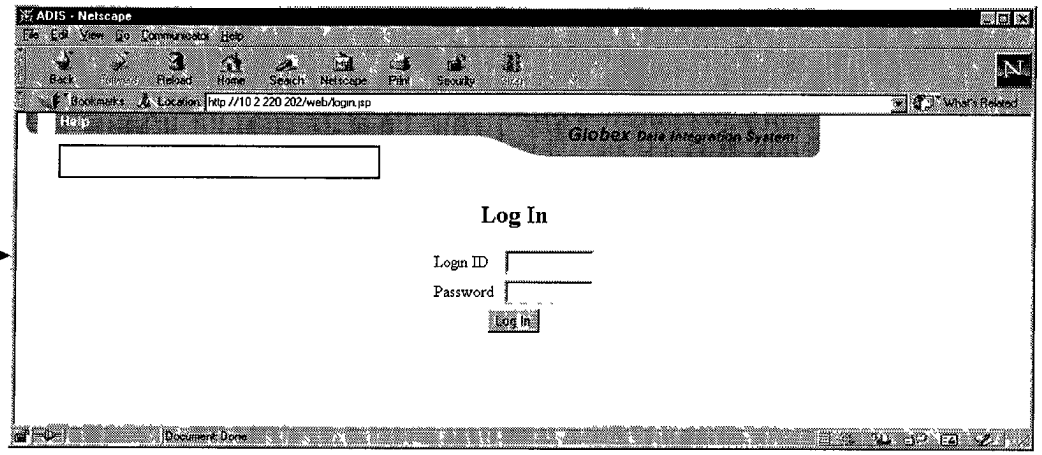
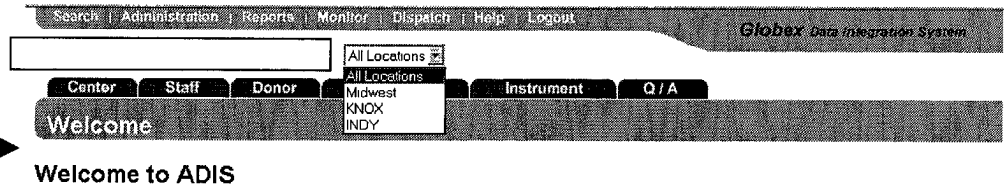

Database
Core
48
Management
Web
34
62
Database
63
Logs
20a
66
Mobile
Core
60
Web
64
65
DMS
44b
PDA
26

Fig. 5



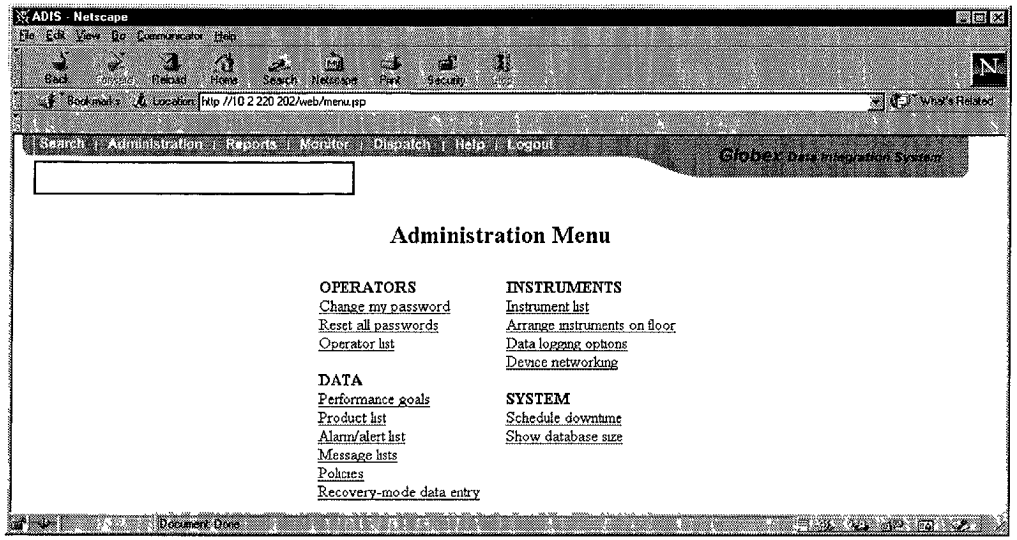

90

Fig. 6



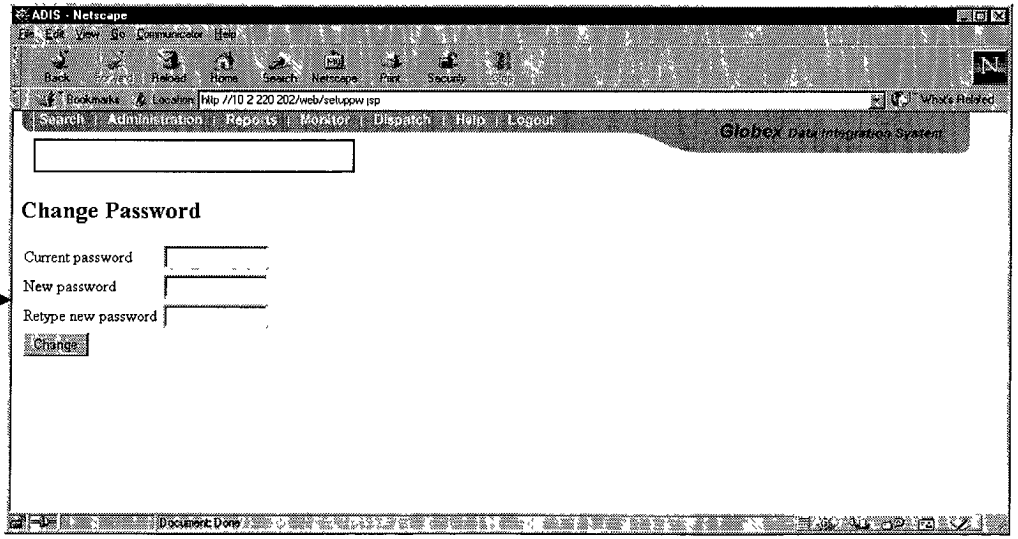

92

Fig. 7



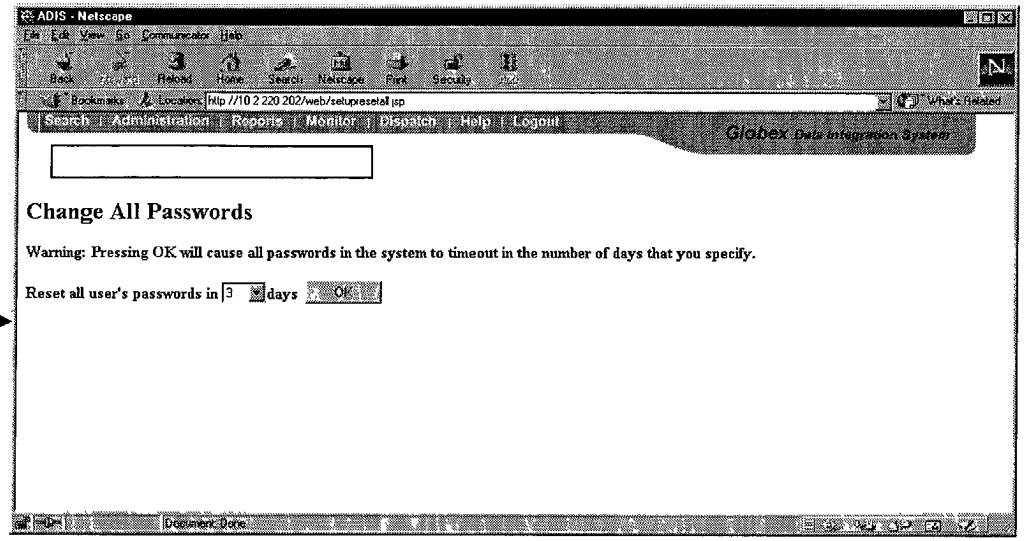

100

Fig. 8



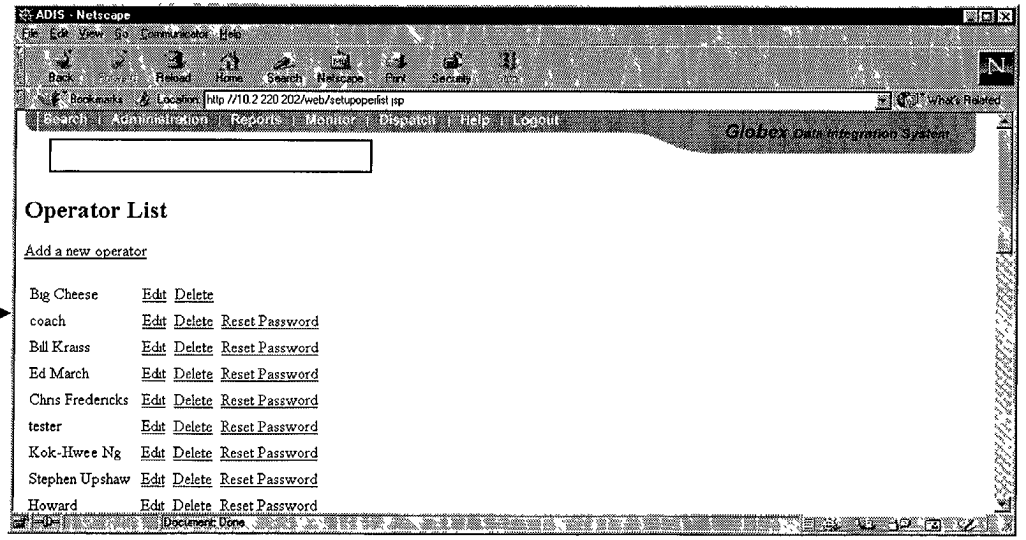

101

Fig. 9




102

Fig. 10




104

Fig. 11

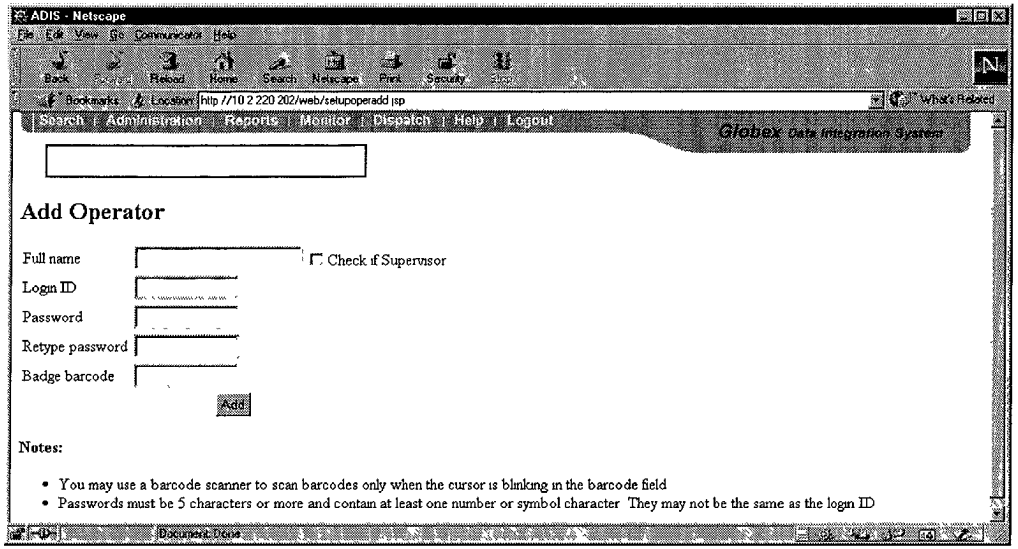

ADIS - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Location: http://10.2.220.202/web/setupoperadd.jsp
What's Related
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Add Operator
Full name
Check if Supervisor
Login ID
Password
Retype password
Badge barcode
Add
Notes:
• You may use a barcode scanner to scan barcodes only when the cursor is blinking in the barcode field
• Passwords must be 5 characters or more and contain at least one number or symbol character They may not be the same as the login ID
Document Done

Fig. 12

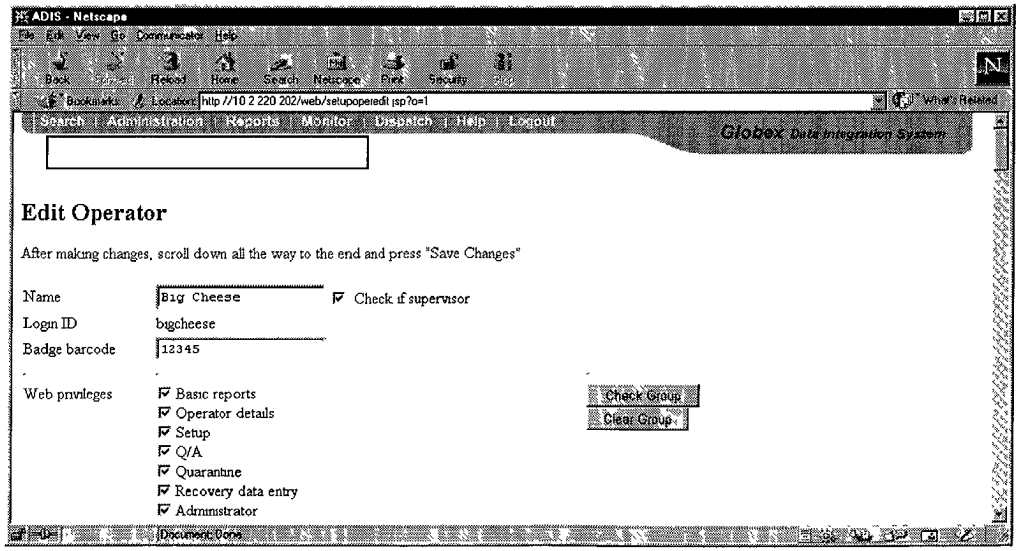

ADIS - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Location: http://10.2.220.202/web/setupoperedit.jsp?o=1
What's Related
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Edit Operator
After making changes, scroll down all the way to the end and press "Save Changes"
Name
Big Cheese
Check if supervisor
Login ID
bigcheese
Badge barcode
12345
Web privileges
Basic reports
Operator details
Setup
Q/A
Quarantine
Recovery data entry
Administrator
Check Group
Clear Group
Document Done

Fig. 13

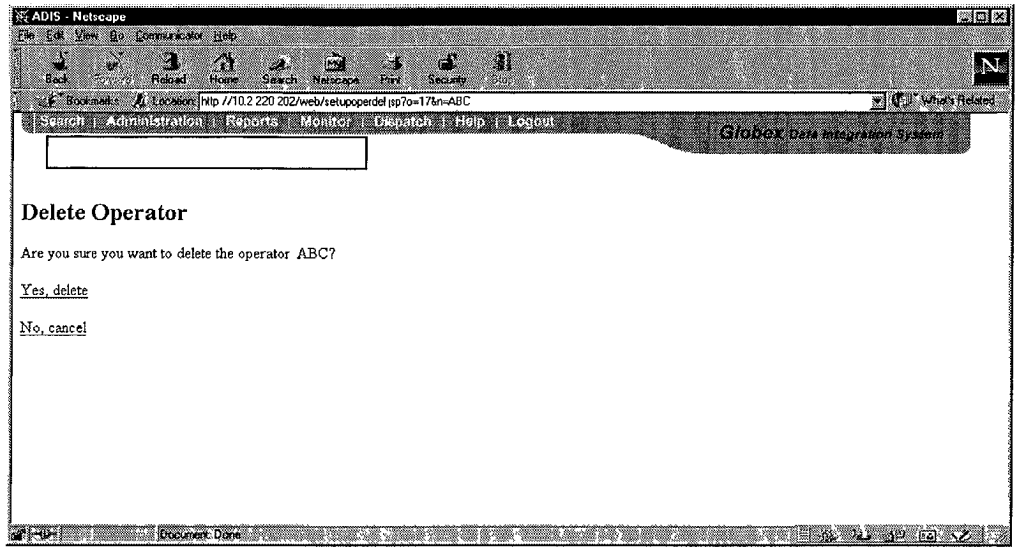

ADIS - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Location: http://10.2.220.202/web/setupoperdef.jsp?o=17&n=ABC
What's Related
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globox Data Integration System
Delete Operator
Are you sure you want to delete the operator ABC?
Yes, delete
No, cancel
Document: Done

Fig. 14

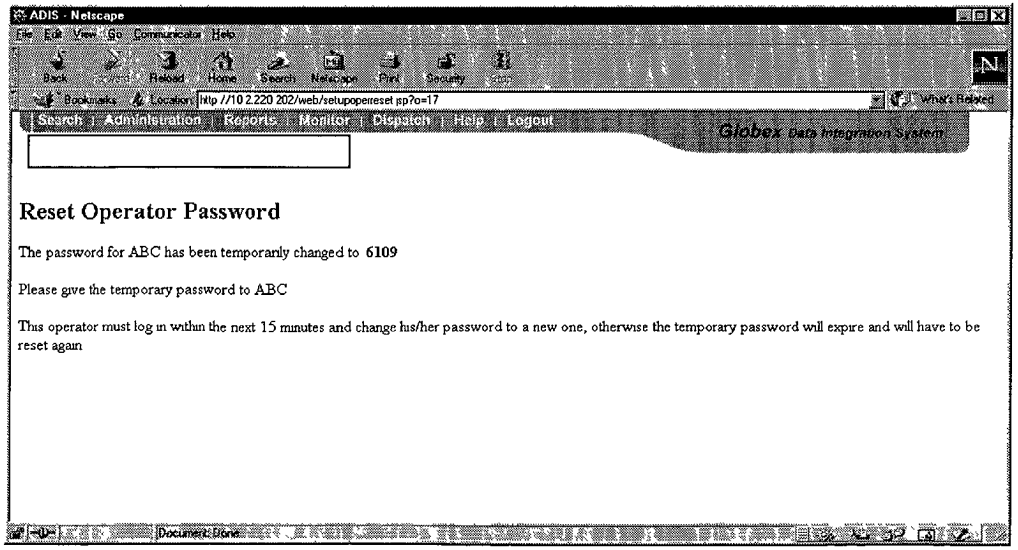
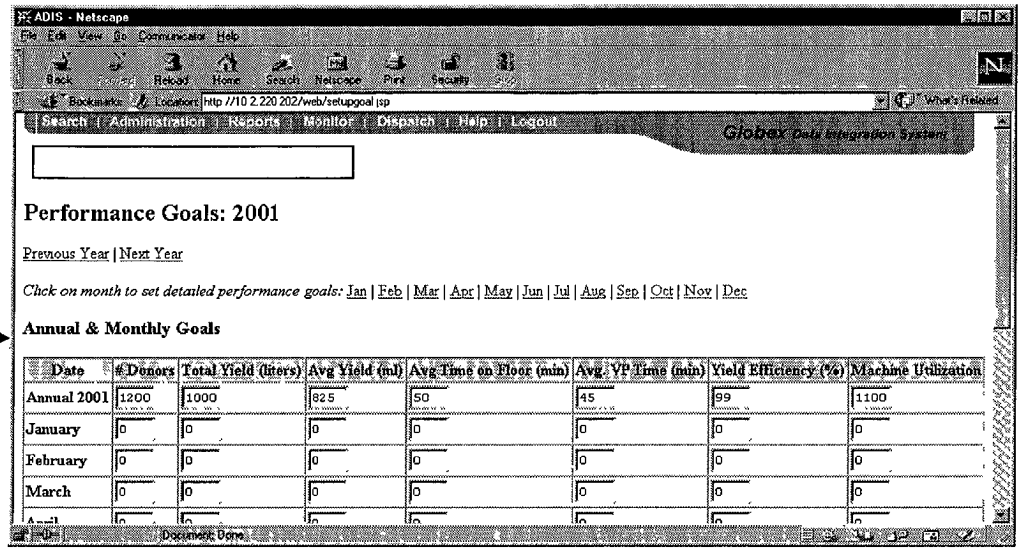
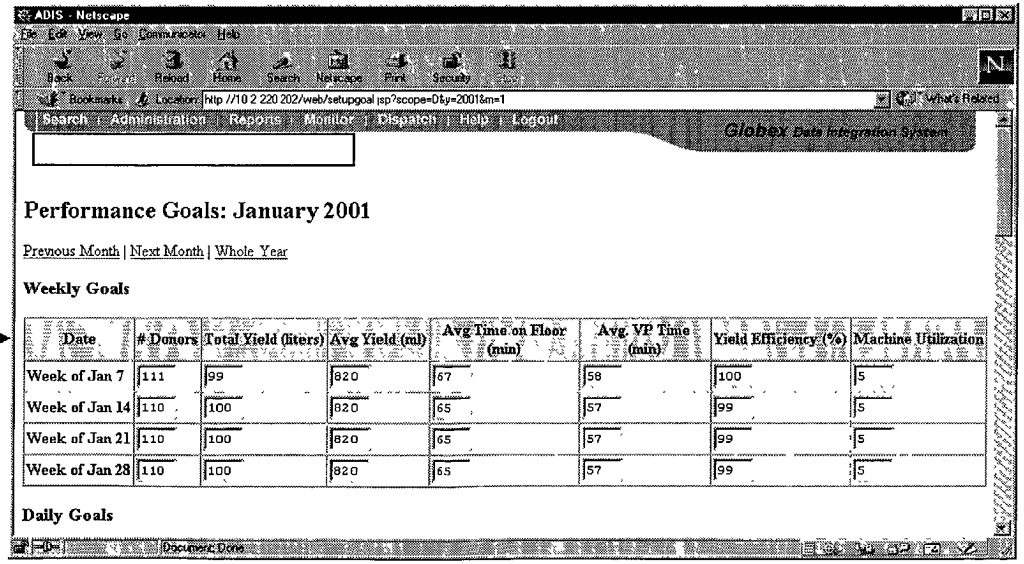

ADIS - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Location: http://10.2.220.202/web/setupoperreset.jsp?o=17
What's Related
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globox Data Integration System
Reset Operator Password
The password for ABC has been temporarily changed to 6109
Please give the temporary password to ABC
This operator must log in within the next 15 minutes and change his/her password to a new one, otherwise the temporary password will expire and will have to be reset again
Document: Done

Fig. 15




108

Fig. 16




108

Fig. 17

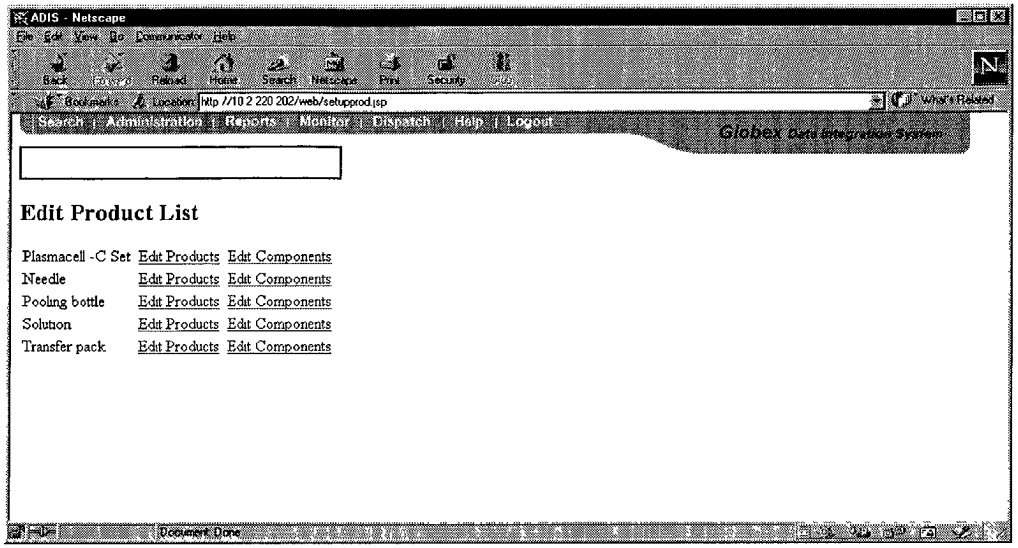

ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Edit Product List
112
Plasmacell -C Set Edit Products Edit Components
Needle Edit Products Edit Components
Pooling bottle Edit Products Edit Components
Solution Edit Products Edit Components
Transfer pack Edit Products Edit Components
Document Done

Fig. 18

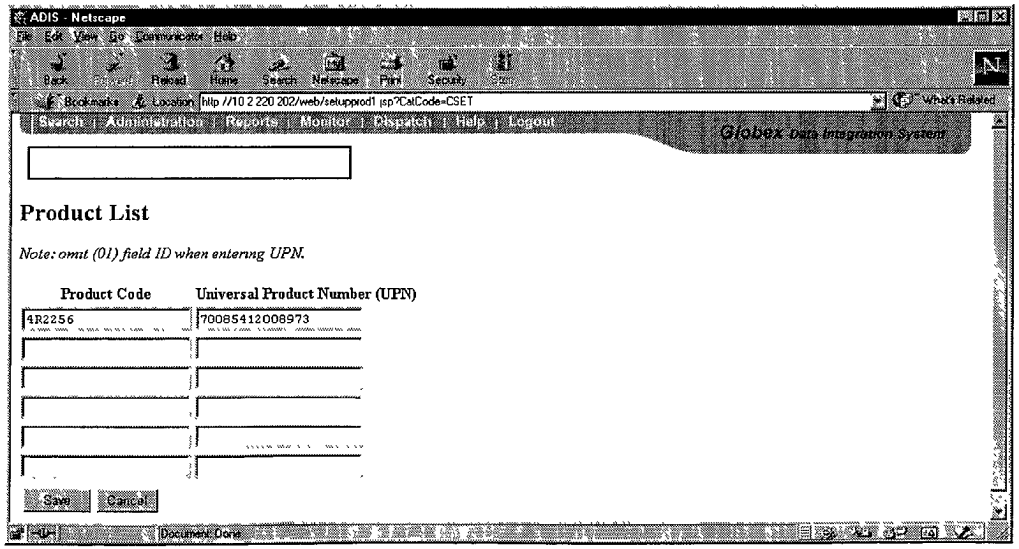

ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Product List
Note: omit (01) field ID when entering UPN.
Product Code
Universal Product Number (UPN)
4R2256
70085412008973
Save
Cancel
Document Done

Fig. 19

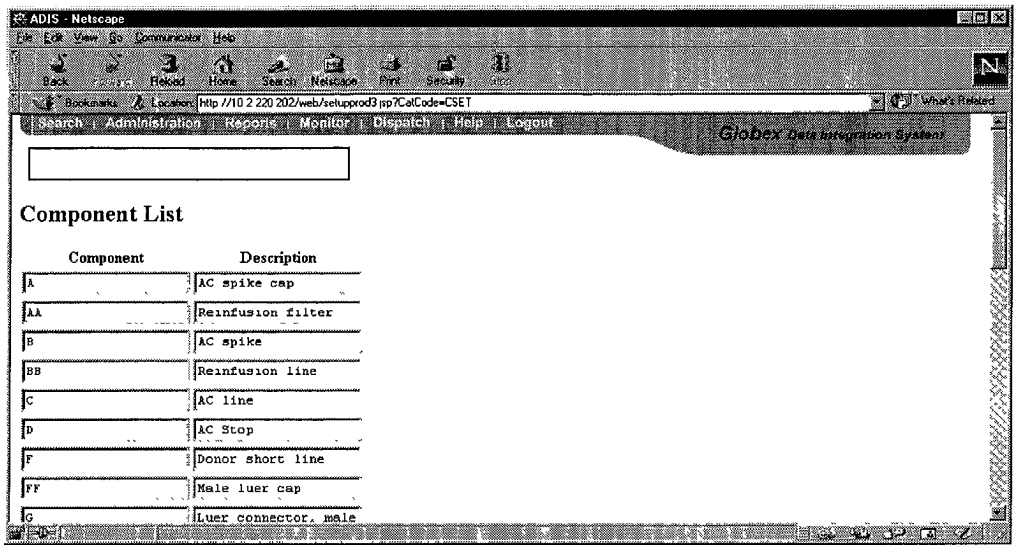



Fig. 20

116

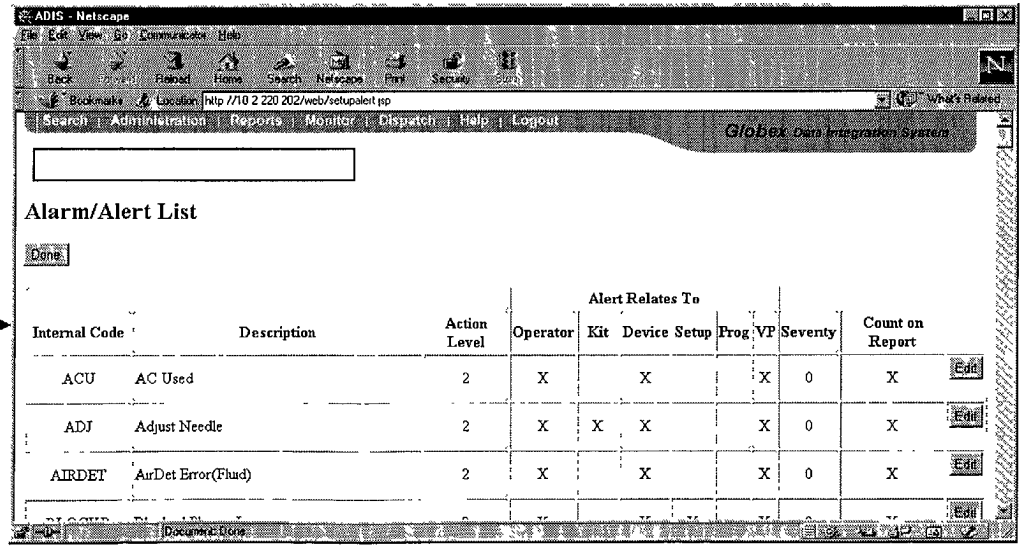


Fig. 21

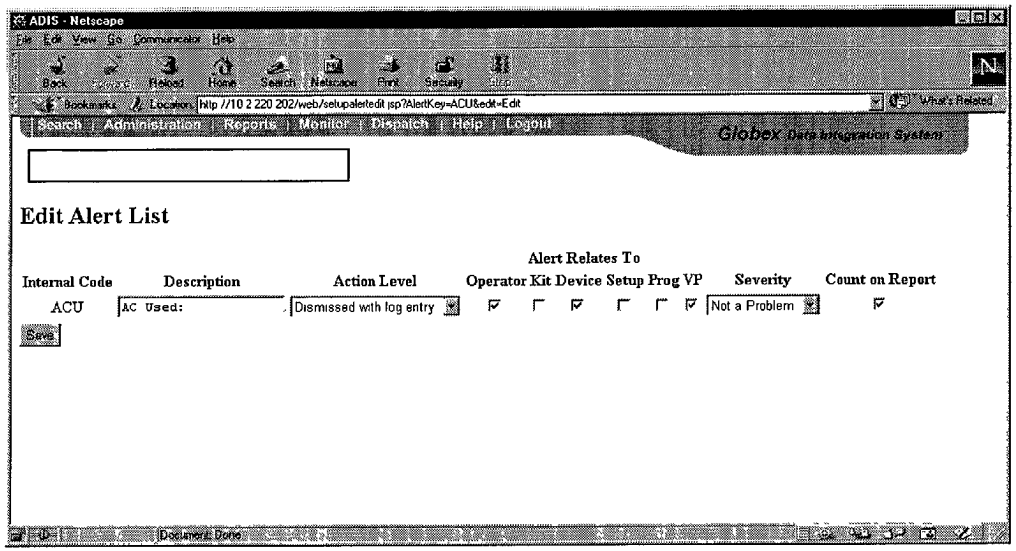
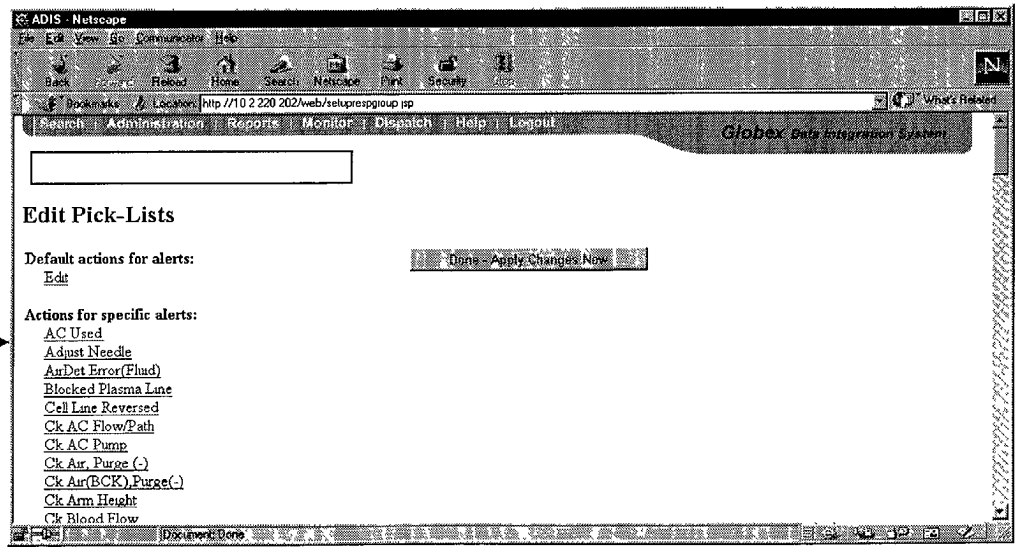



Fig. 22




120

Fig. 23

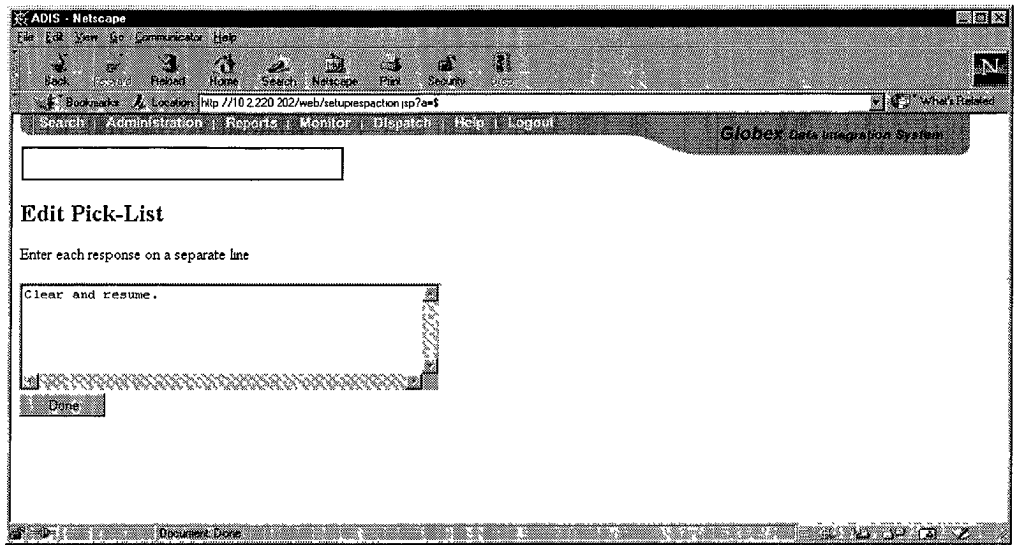



Fig. 24a

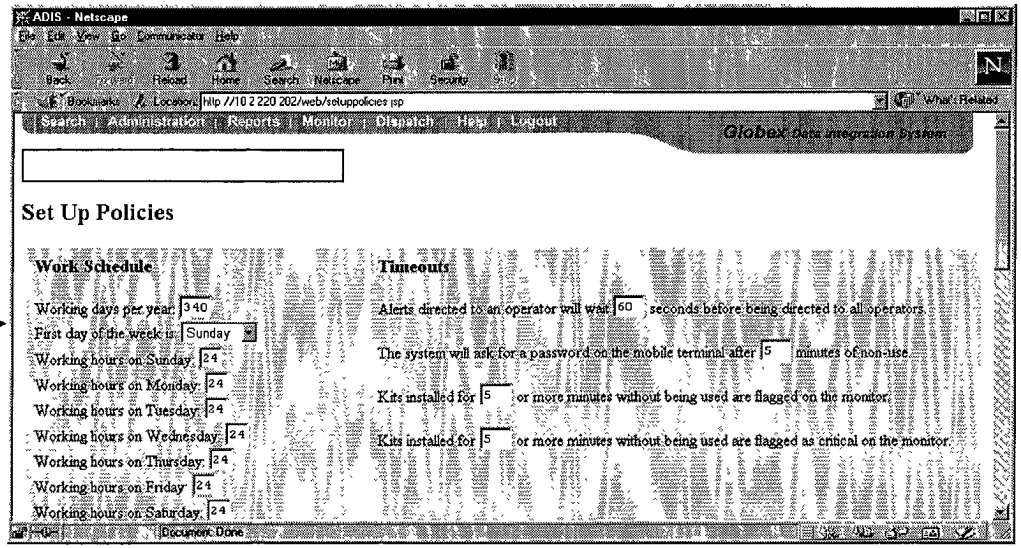
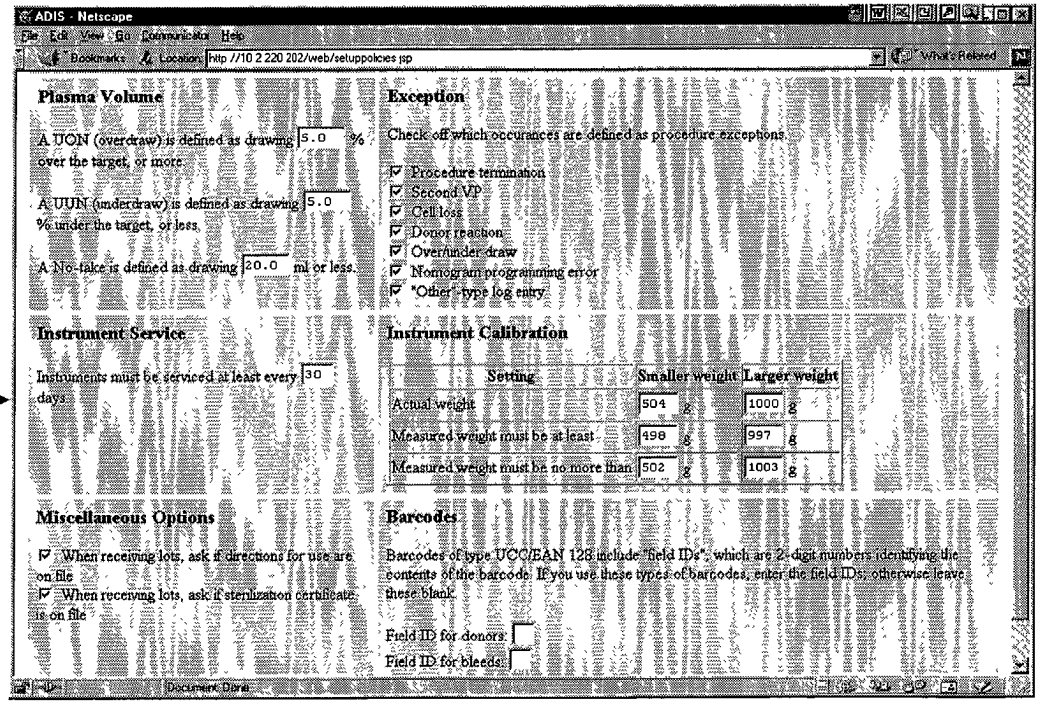
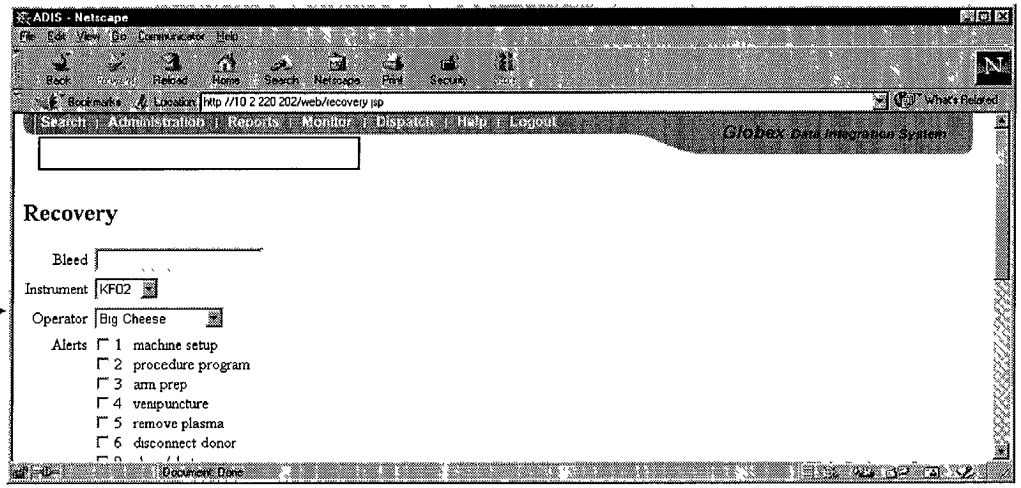


Fig. 24b


ADIS - Netscape
File Edit View Go Communicator Help
Bookmarks Location: http://10.2.220.202/web/setuppolicies.jsp
What's Related
Plasma Volume
A UON (overdraw) is defined as drawing 5.0 % over the target, or more.
A UUN (underdraw) is defined as drawing 5.0 % under the target, or less.
A No-take is defined as drawing 20.0 ml or less.
Exception
Check off which occurances are defined as procedure exceptions.
Procedure termination
Second VP
Cell loss
Donor reaction
Over/under draw
Nomogram programming error
"Other"-type log entry
Instrument Service
Instruments must be serviced at least every 30 days.
Instrument Calibration
Setting
Smaller weight
Larger weight
Actual weight
504 g
1000 g
Measured weight must be at least
498 g
997 g
Measured weight must be no more than
502 g
1003 g
Miscellaneous Options
When receiving lots, ask if directions for use are on file
When receiving lots, ask if sterilization certificate is on file
Barcodes
Barcodes of type UCC/EAN 128 include "field IDs", which are 2-digit numbers identifying the contents of the barcode. If you use these types of barcodes, enter the field IDs; otherwise leave these blank.
Field ID for donors:
Field ID for bleeds:
Document Done

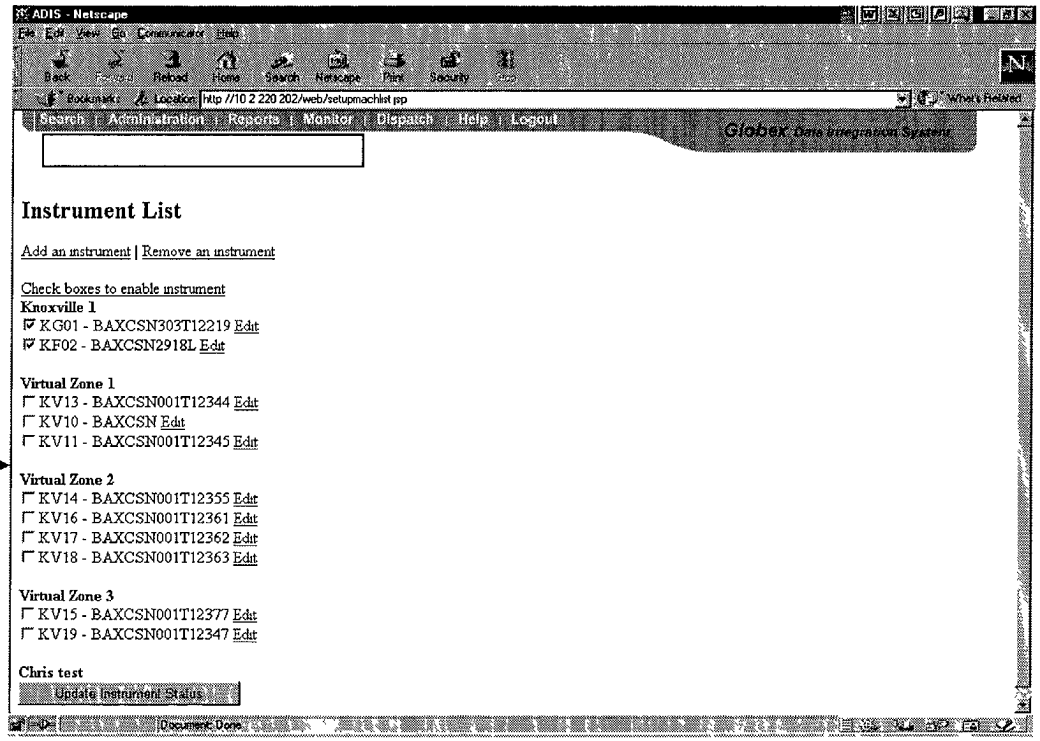
124

Fig. 25


ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Recovery
Bleed
Instrument KF02
Operator Big Cheese
Alerts 1 machine setup
2 procedure program
3 arm prep
4 venipuncture
5 remove plasma
6 disconnect donor
Document Done

126

Fig. 26


ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Instrument List
Add an instrument | Remove an instrument
Check boxes to enable instrument
Knoxville 1
KG01 - BAXCSN303T12219 Edit
KF02 - BAXCSN2918L Edit
Virtual Zone 1
KV13 - BAXCSN001T12344 Edit
KV10 - BAXCSN Edit
KV11 - BAXCSN001T12345 Edit
Virtual Zone 2
KV14 - BAXCSN001T12355 Edit
KV16 - BAXCSN001T12361 Edit
KV17 - BAXCSN001T12362 Edit
KV18 - BAXCSN001T12363 Edit
Virtual Zone 3
KV15 - BAXCSN001T12377 Edit
KV19 - BAXCSN001T12347 Edit
Chris test
Update Instrument Status
Document: Done

128

Fig. 27

128a

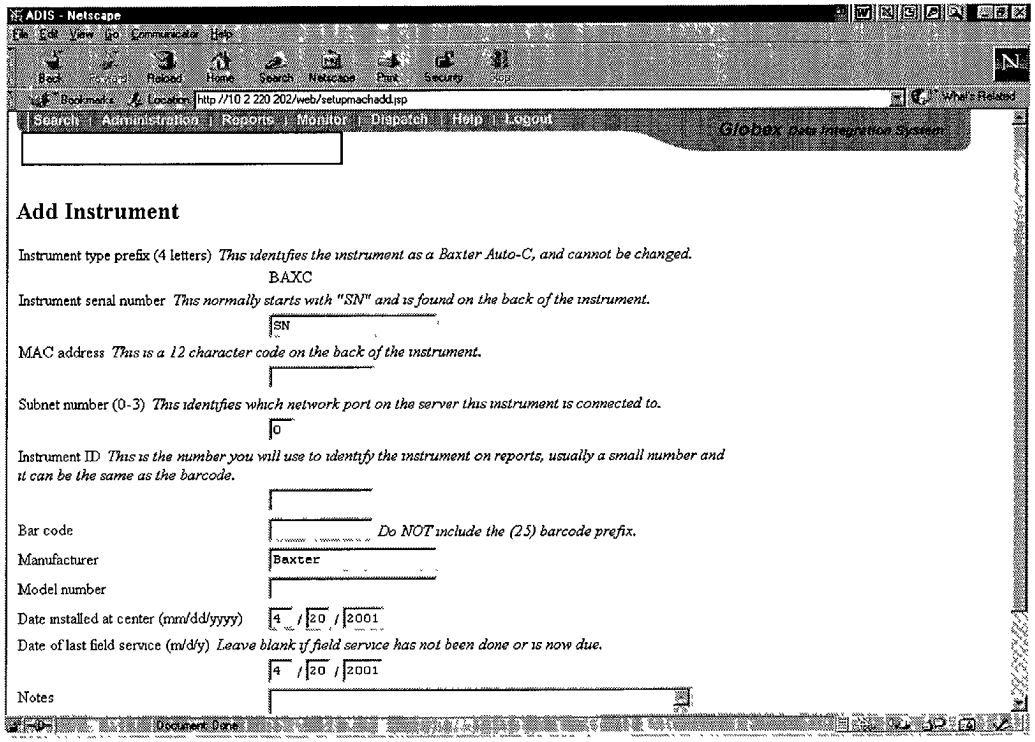
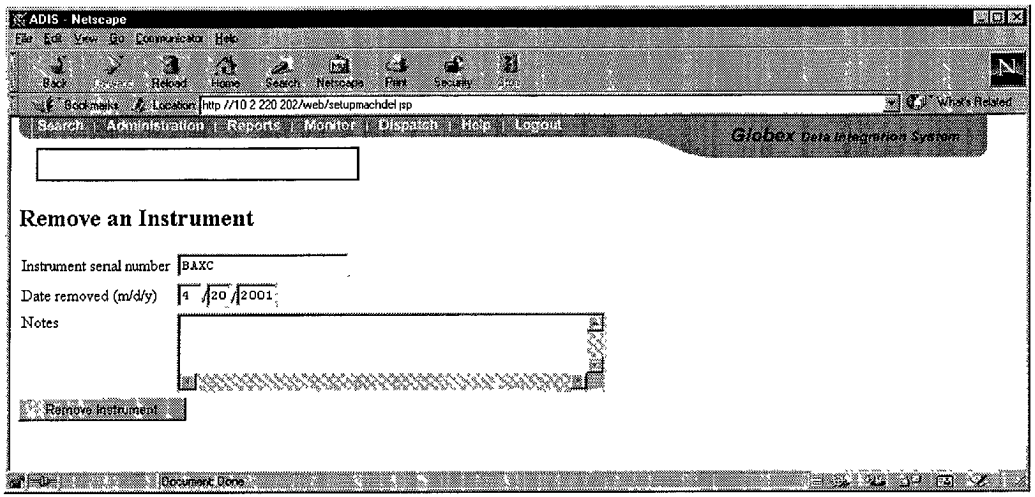
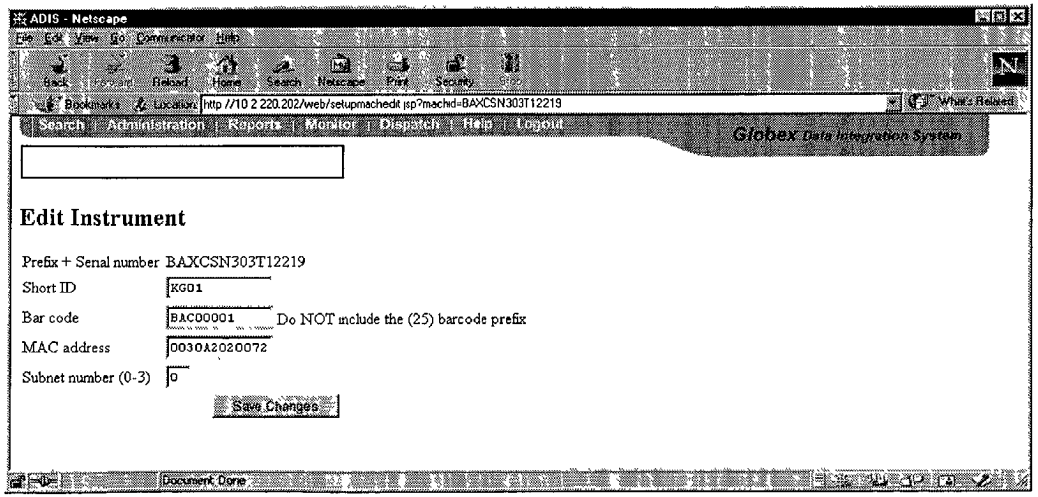

ADIS - Netscape
File Edit View Go Communicate Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Location http://10.2.220.202/web/setupmachadd.jsp
What's Related
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Add Instrument
Instrument type prefix (4 letters) This identifies the instrument as a Baxter Auto-C, and cannot be changed.
BAXC
Instrument serial number This normally starts with "SN" and is found on the back of the instrument.
SN
MAC address This is a 12 character code on the back of the instrument.
Subnet number (0-3) This identifies which network port on the server this instrument is connected to.
0
Instrument ID This is the number you will use to identify the instrument on reports, usually a small number and it can be the same as the barcode.
Bar code
Do NOT include the (25) barcode prefix.
Manufacturer
Baxter
Model number
Date installed at center (mm/dd/yyyy)
4 / 20 / 2001
Date of last field service (m/d/y) Leave blank if field service has not been done or is now due.
4 / 20 / 2001
Notes
Document Done

Fig. 28



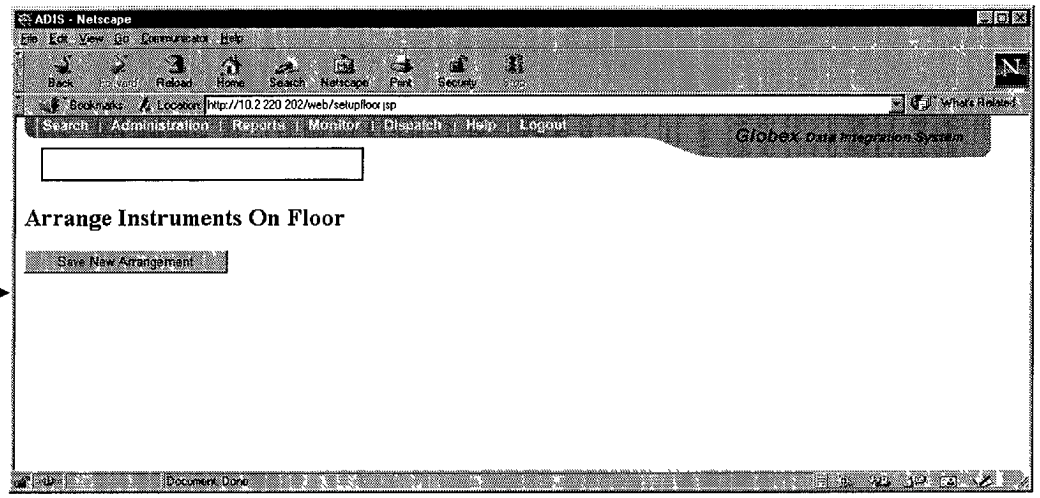

128b

Fig. 29



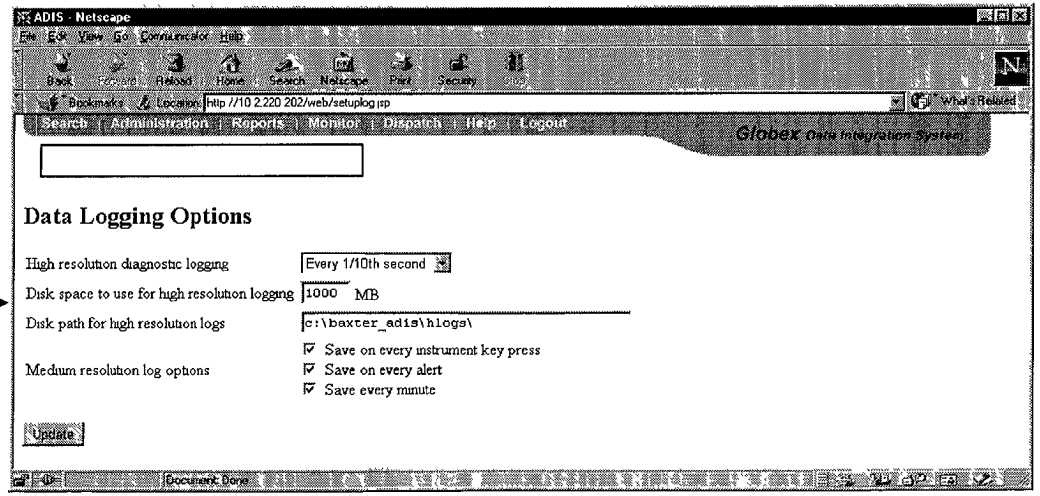

128c

Fig. 30



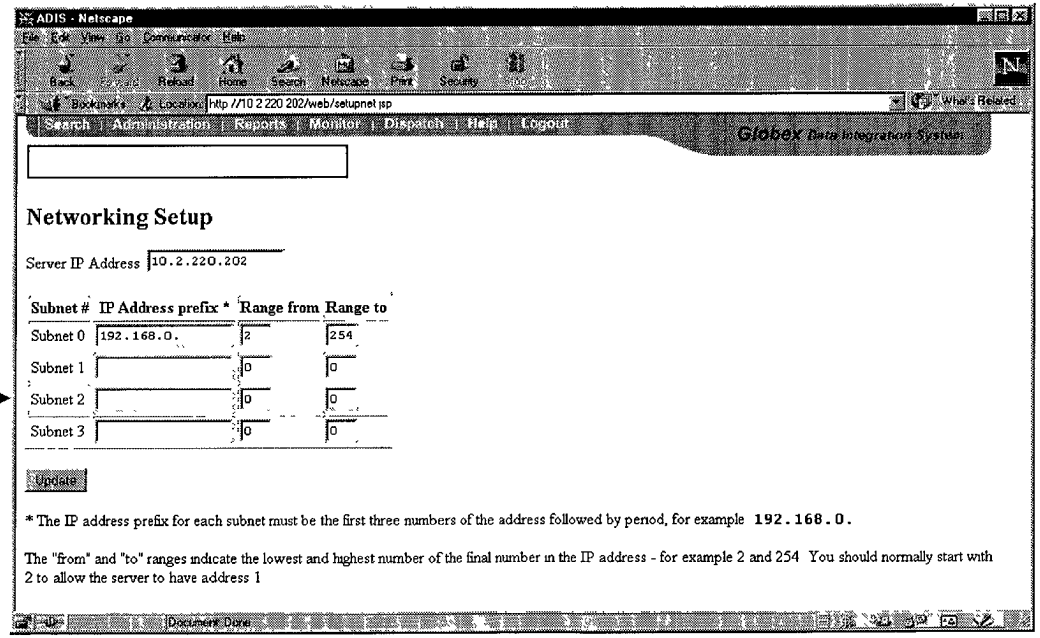

130

Fig. 31



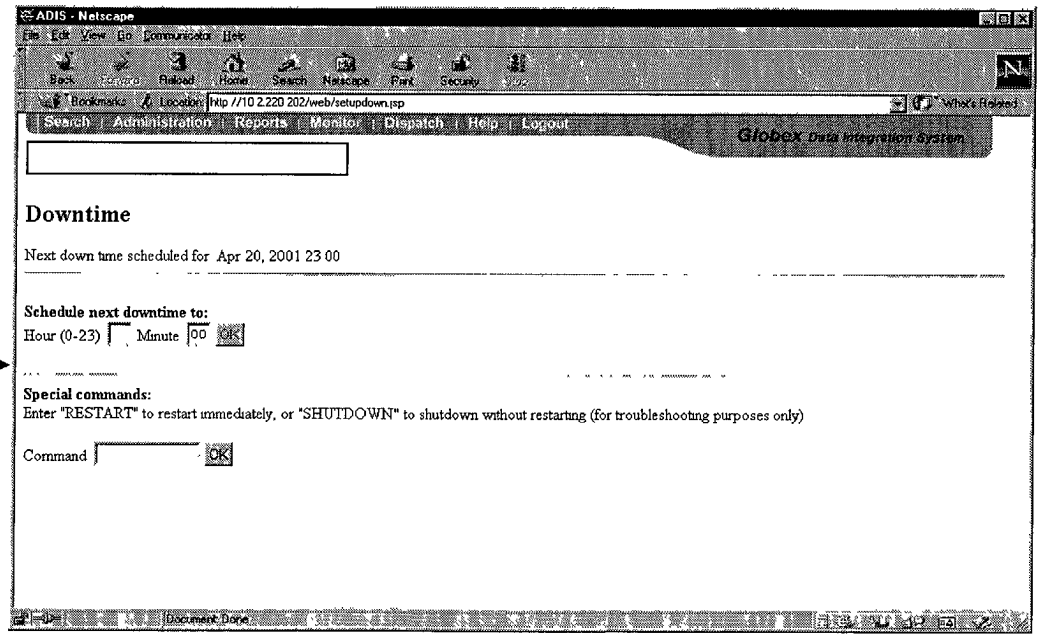

132

Fig. 32


ADIS - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Location: http://10.2.220.202/web/setupnet.jsp
What's Related
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Networking Setup
Server IP Address 10.2.220.202
Subnet # IP Address prefix * Range from Range to
Subnet 0 192.168.0. 2 254
Subnet 1 0 0
Subnet 2 0 0
Subnet 3 0 0
Update
* The IP address prefix for each subnet must be the first three numbers of the address followed by period, for example 192.168.0.
The "from" and "to" ranges indicate the lowest and highest number of the final number in the IP address - for example 2 and 254 You should normally start with 2 to allow the server to have address 1
Document Done

136

Fig. 33


ADIS - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Location: http://10.2.220.202/web/setupdown.jsp
What's Related
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Downtime
Next down time scheduled for Apr 20, 2001 23:00
Schedule next downtime to:
Hour (0-23) Minute 00 OK
Special commands:
Enter "RESTART" to restart immediately, or "SHUTDOWN" to shutdown without restarting (for troubleshooting purposes only)
Command OK
Document Done

140

Fig. 34

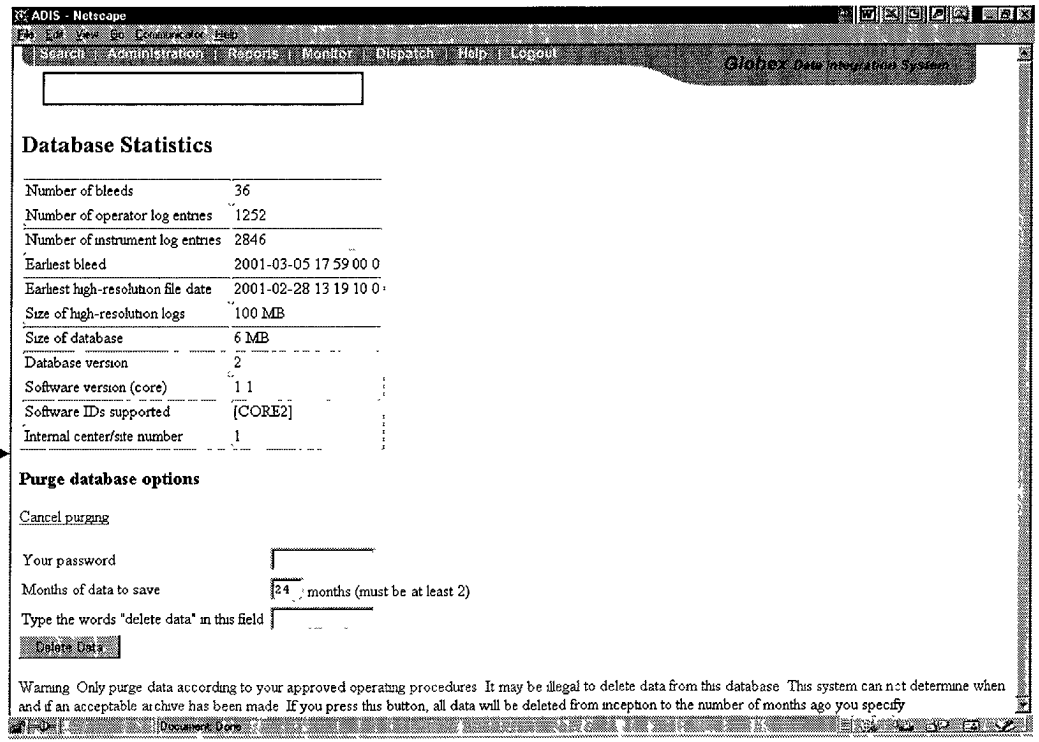

ADIS - Netscape
File Edit View Go Communicator Help
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Database Statistics
Number of bleeds 36
Number of operator log entries 1252
Number of instrument log entries 2846
Earliest bleed 2001-03-05 17 59 00 0
Earliest high-resolution file date 2001-02-28 13 19 10 0
Size of high-resolution logs 100 MB
Size of database 6 MB
Database version 2
Software version (core) 1 1
Software IDs supported [CORE2]
Internal center/site number 1
144
Purge database options
Cancel purging
Your password
Months of data to save 24 months (must be at least 2)
Type the words "delete data" in this field
Delete Data
Warning Only purge data according to your approved operating procedures It may be illegal to delete data from this database This system can not determine when and if an acceptable archive has been made If you press this button, all data will be deleted from inception to the number of months ago you specify
Document Done

Fig. 35

148

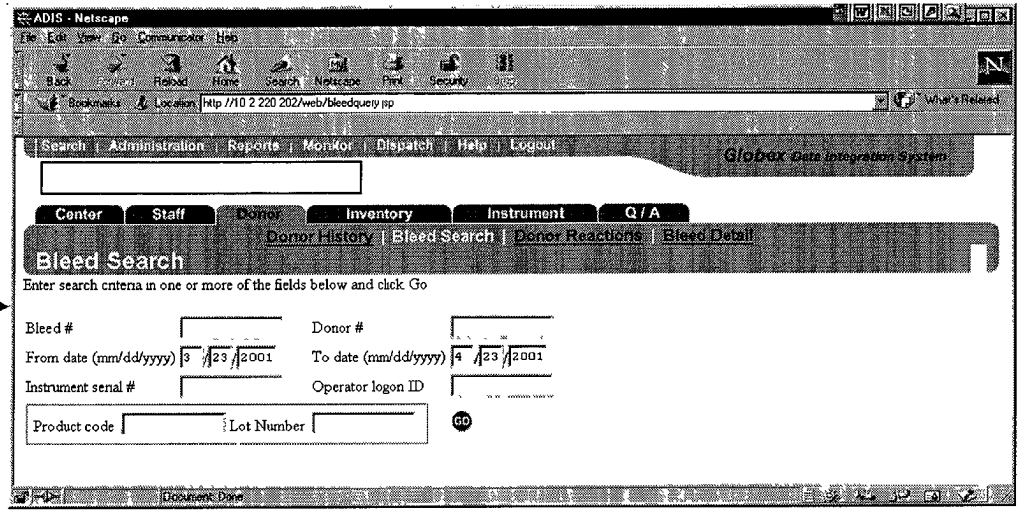
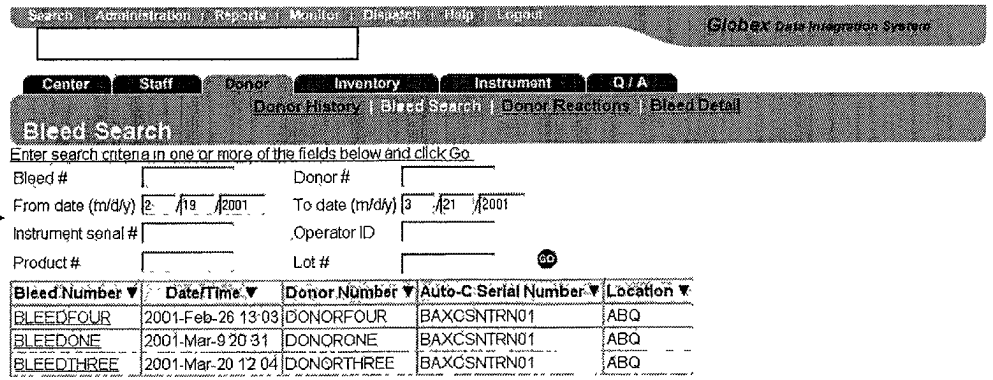


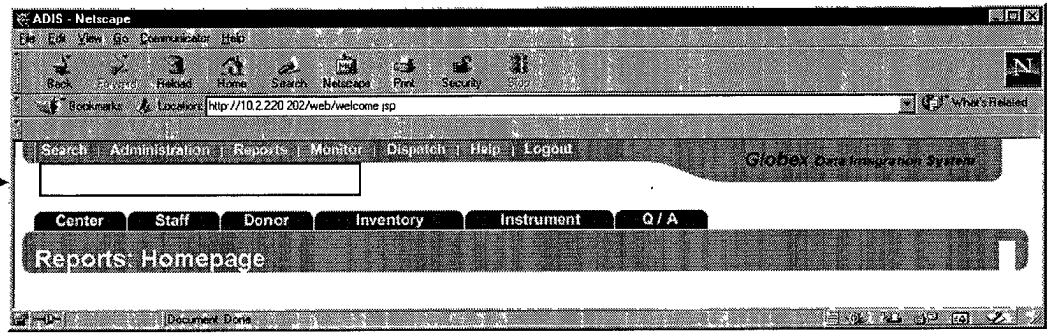

Fig. 36

150



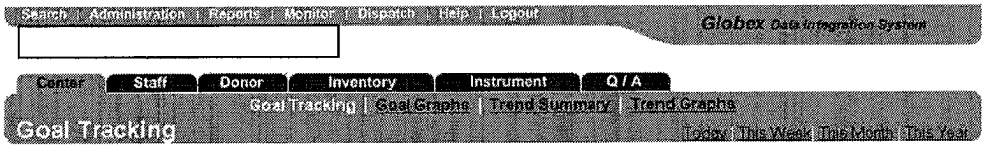

| Bleed Number | Date/Time | Donor Number | Auto-C Serial Number | Location |
|---|---|---|---|---|
| BLEEDFOUR | 2001-Feb-26 13:03 | DONORFOUR | BAXCSNTRN01 | ABQ |
| BLEEDONE | 2001-Mar-9 20:31 | DONORONE | BAXCSNTRN01 | ABQ |
| BLEEDTHREE | 2001-Mar-20 12:04 | DONORTHREE | BAXCSNTRN01 | ABQ |

Fig. 37




152

Fig. 38

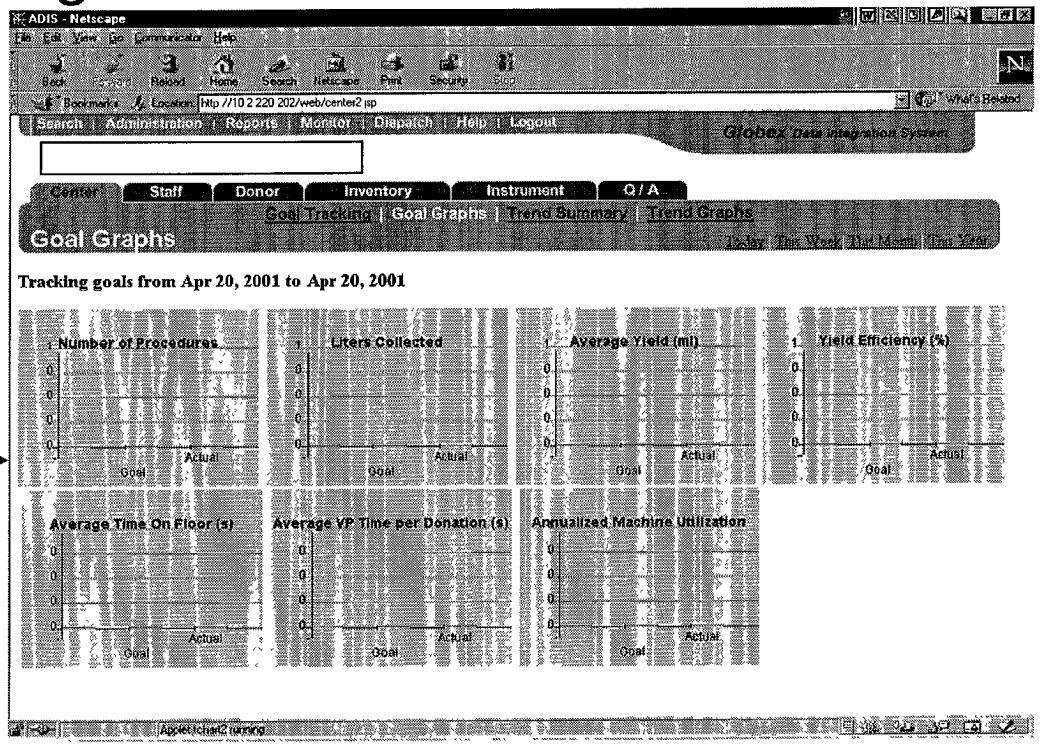



154

**Tracking goals from 2001-Mar-21 to 2001-Mar-21**

| Variable | Goal | Actual | Difference |
|---|---|---|---|
| Number of Procedures | 0 | 0 | 0 |
| Liters Collected | 0 | 0 | 0 |
| Average Yield | 0 | 0 | 0 |
| Yield Efficiency | 0% | 0% | |
| Average Time on Floor | 0.0 | 0.0 | |
| Average VP Time per Donation | 0.0 | 0.0 | |
| Annualized Machine Utilization | 0 | 0 | |

Fig. 39


ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center | Staff | Donor | Inventory | Instrument | Q / A
Goal Tracking | Goal Graphs | Trend Summary | Trend Graphs
Goal Graphs
Today This Week This Month This Year
Tracking goals from Apr 20, 2001 to Apr 20, 2001
Number of Procedures
Liters Collected
Average Yield (ml)
Yield Efficiency (%)
Average Time On Floor (s)
Average VP Time per Donation (s)
Annualized Machine Utilization
Goal
Actual
Applet Chart2 running

156

Fig. 40

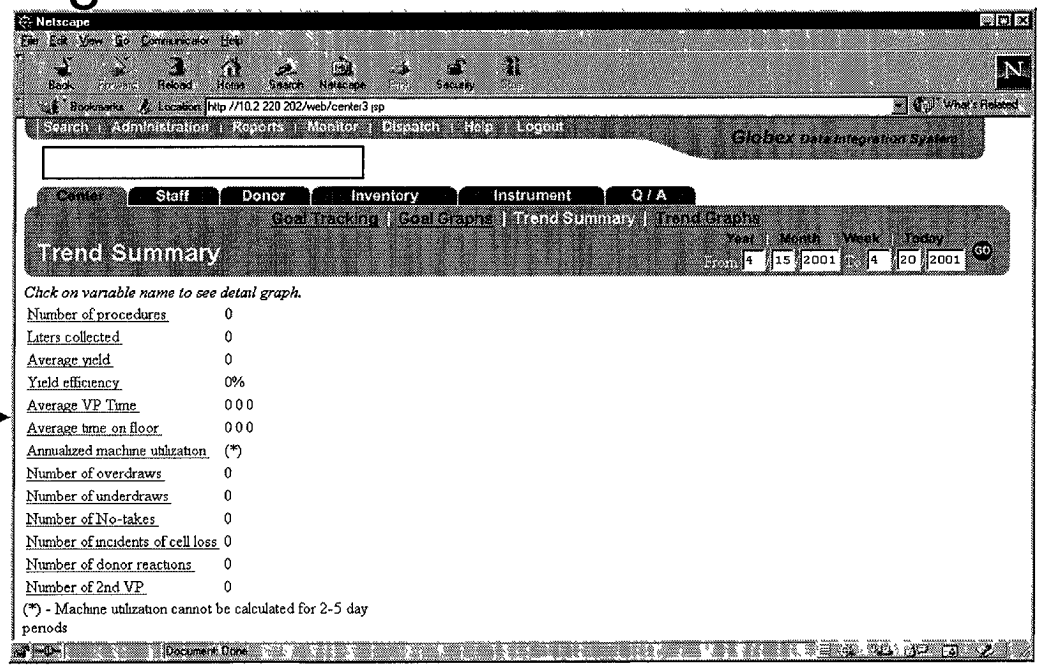

158
Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Goal Tracking | Goal Graphs | Trend Summary | Trend Graphs
Trend Summary
Year | Month | Week | Today
From 4 15 2001 To 4 20 2001 GO
Click on variable name to see detail graph.
Number of procedures 0
Liters collected 0
Average yield 0
Yield efficiency 0%
Average VP Time 0 0 0
Average time on floor 0 0 0
Annualized machine utilization (*)
Number of overdraws 0
Number of underdraws 0
Number of No-takes 0
Number of incidents of cell loss 0
Number of donor reactions 0
Number of 2nd VP 0
(*) - Machine utilization cannot be calculated for 2-5 day periods
Document Done

Fig. 41

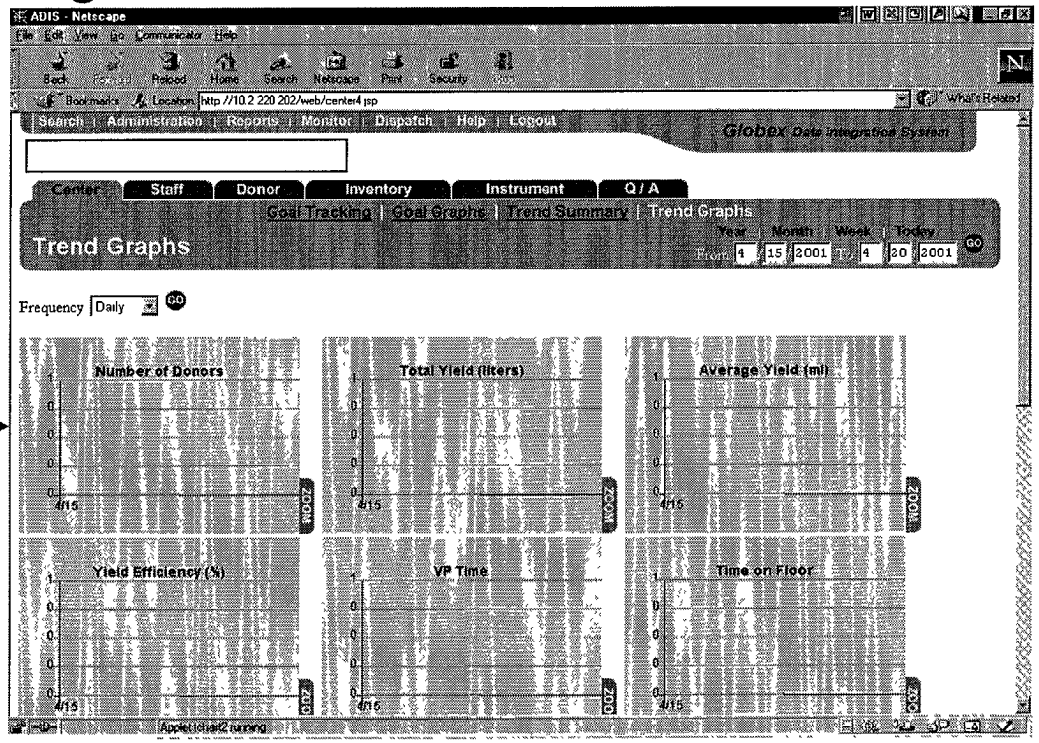
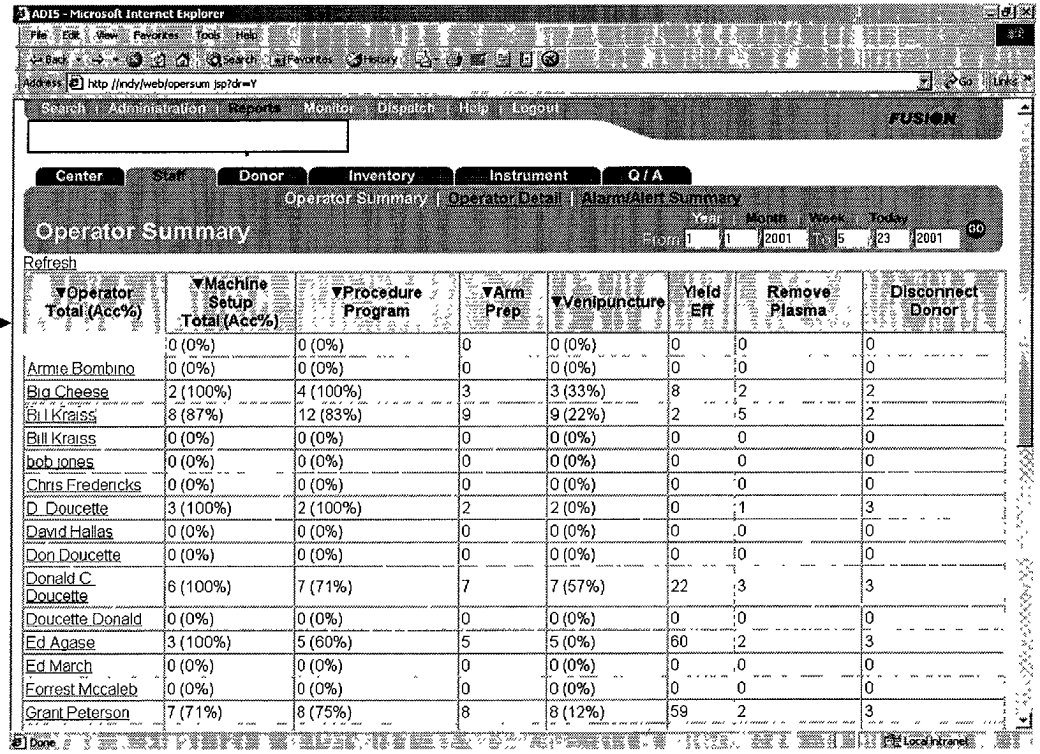

ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integrated System
Center
Staff
Donor
Inventory
Instrument
Q / A
Goal Tracking | Goal Graphs | Trend Summary | Trend Graphs
Trend Graphs
Frequency Daily
Number of Donors
Total Yield (liters)
Average Yield (ml)
Yield Efficiency (%)
VP Time
Time on Floor
160

Fig. 42




| ▼Operator Total (Acc%) | ▼Machine Setup Total (Acc%) | ▼Procedure Program | ▼Arm Prep | ▼Venipuncture | Yield Eff | Remove Plasma | Disconnect Donor |
|---|---|---|---|---|---|---|---|
| | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| Armie Bombino | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| Big Cheese | 2 (100%) | 4 (100%) | 3 | 3 (33%) | 8 | 2 | 2 |
| Bi l Kraiss | 8 (87%) | 12 (83%) | 9 | 9 (22%) | 2 | 5 | 2 |
| Bill Kraiss | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| bob jones | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| Chris Fredericks | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| D. Doucette | 3 (100%) | 2 (100%) | 2 | 2 (0%) | 0 | 1 | 3 |
| David Hallas | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| Don Doucette | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| Donald C Doucette | 6 (100%) | 7 (71%) | 7 | 7 (57%) | 22 | 3 | 3 |
| Doucette Donald | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| Ed Agase | 3 (100%) | 5 (60%) | 5 | 5 (0%) | 60 | 2 | 3 |
| Ed March | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| Forrest Mccaleb | 0 (0%) | 0 (0%) | 0 | 0 (0%) | 0 | 0 | 0 |
| Grant Peterson | 7 (71%) | 8 (75%) | 8 | 8 (12%) | 59 | 2 | 3 |

Fig. 43

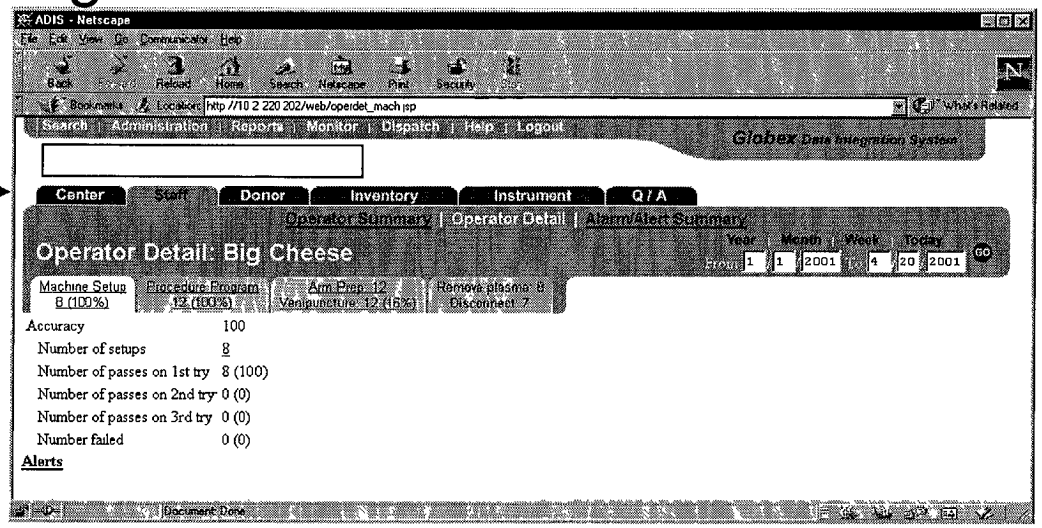

164
ADIS - Netscape
http://10.2.220.202/web/operdet_mach.jsp
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Operator Summary | Operator Detail | Alarm/Alert Summary
Operator Detail: Big Cheese
Year | Month | Week | Today
From 1 1 2001 To 4 20 2001 GO
Machine Setup 8 (100%)
Procedure Program 12 (100%)
Arm Prep: 12 Venipuncture: 12 (16%)
Remove plasma: 8 Disconnect: 7
Accuracy 100
Number of setups 8
Number of passes on 1st try 8 (100)
Number of passes on 2nd try 0 (0)
Number of passes on 3rd try 0 (0)
Number failed 0 (0)
Alerts
Document Done

Fig. 44

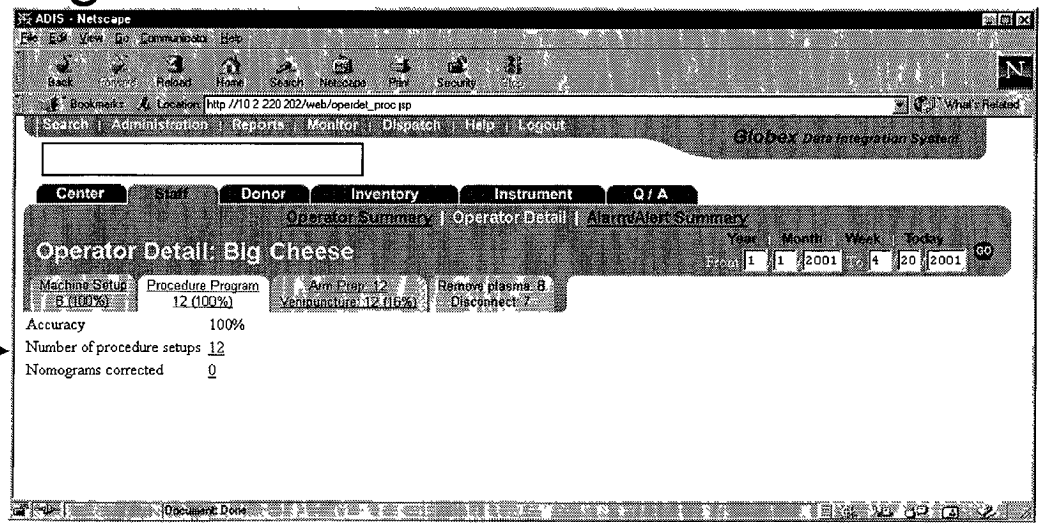
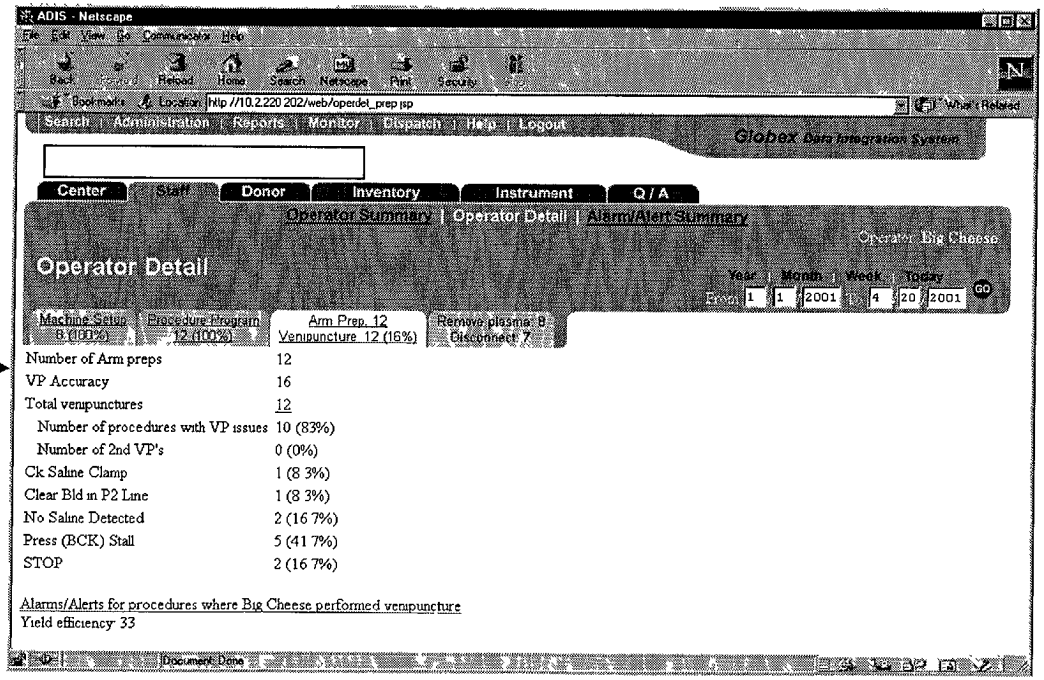
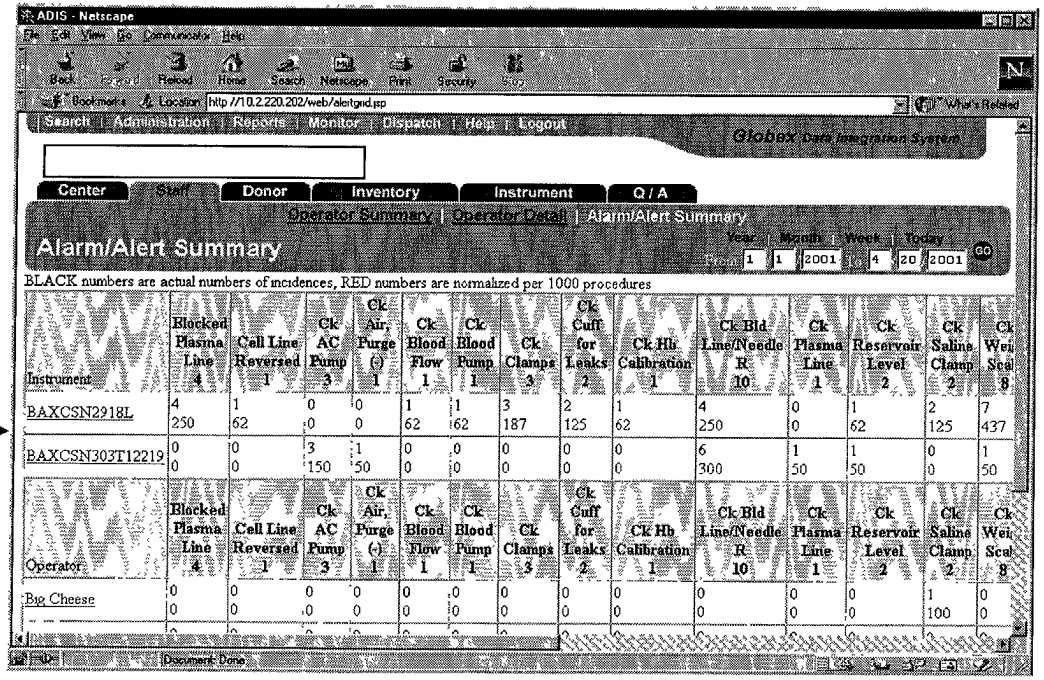

166
ADIS - Netscape
http://10.2.220.202/web/operdet_proc.jsp
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Operator Summary | Operator Detail | Alarm/Alert Summary
Operator Detail: Big Cheese
Year | Month | Week | Today
From 1 1 2001 To 4 20 2001 GO
Machine Setup 8 (100%)
Procedure Program 12 (100%)
Arm Prep: 12 Venipuncture: 12 (16%)
Remove plasma: 8 Disconnect: 7
Accuracy 100%
Number of procedure setups 12
Nomograms corrected 0
Document Done

Fig. 45

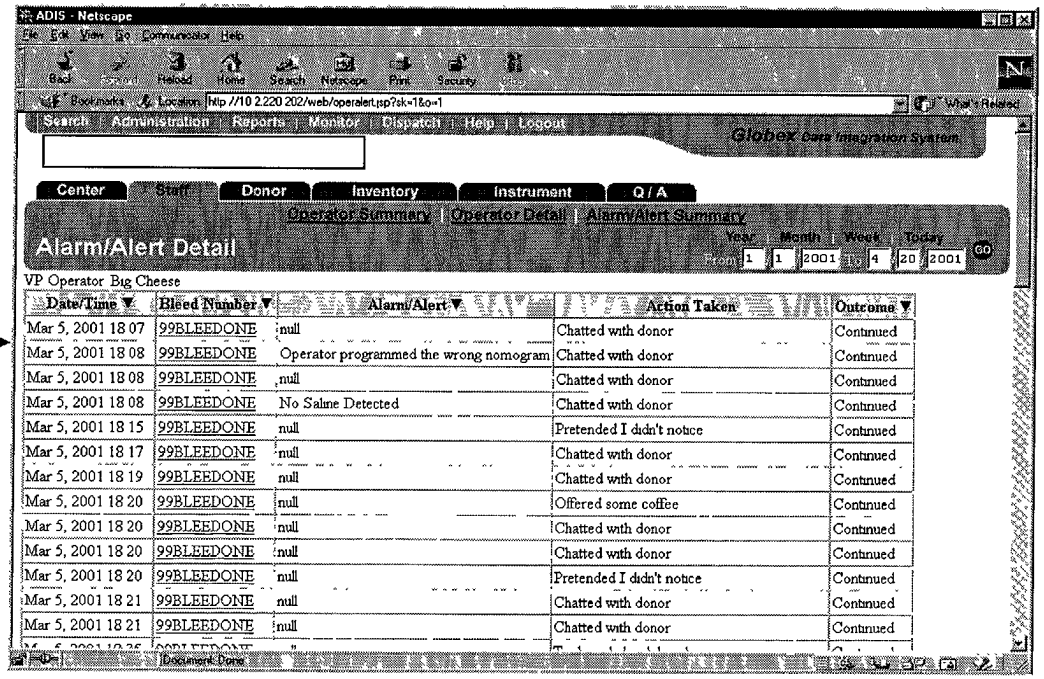

168
ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Operator Summary | Operator Detail | Alarm/Alert Summary
Operator: Big Cheese
Operator Detail
Year | Month | Week | Today
Machine Setup 8 (100%)
Procedure Program 12 (100%)
Arm Prep 12 Venipuncture 12 (16%)
Remove plasma 8 Disconnect 7
Number of Arm preps 12
VP Accuracy 16
Total venipunctures 12
Number of procedures with VP issues 10 (83%)
Number of 2nd VP's 0 (0%)
Ck Saline Clamp 1 (8 3%)
Clear Bld in P2 Line 1 (8 3%)
No Saline Detected 2 (16 7%)
Press (BCK) Stall 5 (41 7%)
STOP 2 (16 7%)
Alarms/Alerts for procedures where Big Cheese performed venipuncture
Yield efficiency 33

# Fig. 46


ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Operator Summary | Operator Detail | Alarm/Alert Summary
Alarm/Alert Summary
Year | Month | Week | Today
From 1 1 2001 To 4 20 2001 GO
BLACK numbers are actual numbers of incidences, RED numbers are normalized per 1000 procedures
Instrument
Blocked Plasma Line 4
Cell Line Reversed 1
Ck AC Pump 3
Ck Air, Purge (-) 1
Ck Blood Flow 1
Ck Blood Pump 1
Ck Clamps 3
Ck Cuff for Leaks 2
Ck Hb Calibration 1
Ck Bld Line/Needle R 10
Ck Plasma Line 1
Ck Reservoir Level 2
Ck Saline Clamp 2
BAXCSN2918L
4 250
1 62
0 0
0 0
1 62
1 62
3 187
2 125
1 62
4 250
0 0
1 62
2 125
7 437
BAXCSN303T12219
0 0
0 0
3 150
1 50
0 0
0 0
0 0
0 0
0 0
6 300
1 50
1 50
0 0
1 50
Operator
Blocked Plasma Line 4
Cell Line Reversed 1
Ck AC Pump 3
Ck Air, Purge (-) 1
Ck Blood Flow 1
Ck Blood Pump 1
Ck Clamps 3
Ck Cuff for Leaks 2
Ck Hb Calibration 1
Ck Bld Line/Needle R 10
Ck Plasma Line 1
Ck Reservoir Level 2
Ck Saline Clamp 2
Big Cheese
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
1 100
0 0
Document Done

170

Fig. 47


ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Operator Summary | Operator Detail | Alarm/Alert Summary
Alarm/Alert Detail
Year
Month
Week
Today
GO
VP Operator Big Cheese
Date/Time
Bleed Number
Alarm/Alert
Action Taken
Outcome
Mar 5, 2001 18 07 | 99BLEEDONE | null | Chatted with donor | Continued
Mar 5, 2001 18 08 | 99BLEEDONE | Operator programmed the wrong nomogram | Chatted with donor | Continued
Mar 5, 2001 18 08 | 99BLEEDONE | null | Chatted with donor | Continued
Mar 5, 2001 18 08 | 99BLEEDONE | No Saline Detected | Chatted with donor | Continued
Mar 5, 2001 18 15 | 99BLEEDONE | null | Pretended I didn't notice | Continued
Mar 5, 2001 18 17 | 99BLEEDONE | null | Chatted with donor | Continued
Mar 5, 2001 18 19 | 99BLEEDONE | null | Chatted with donor | Continued
Mar 5, 2001 18 20 | 99BLEEDONE | null | Offered some coffee | Continued
Mar 5, 2001 18 20 | 99BLEEDONE | null | Chatted with donor | Continued
Mar 5, 2001 18 20 | 99BLEEDONE | null | Chatted with donor | Continued
Mar 5, 2001 18 20 | 99BLEEDONE | null | Pretended I didn't notice | Continued
Mar 5, 2001 18 21 | 99BLEEDONE | null | Chatted with donor | Continued
Mar 5, 2001 18 21 | 99BLEEDONE | null | Chatted with donor | Continued
Document Done

172

Fig. 48

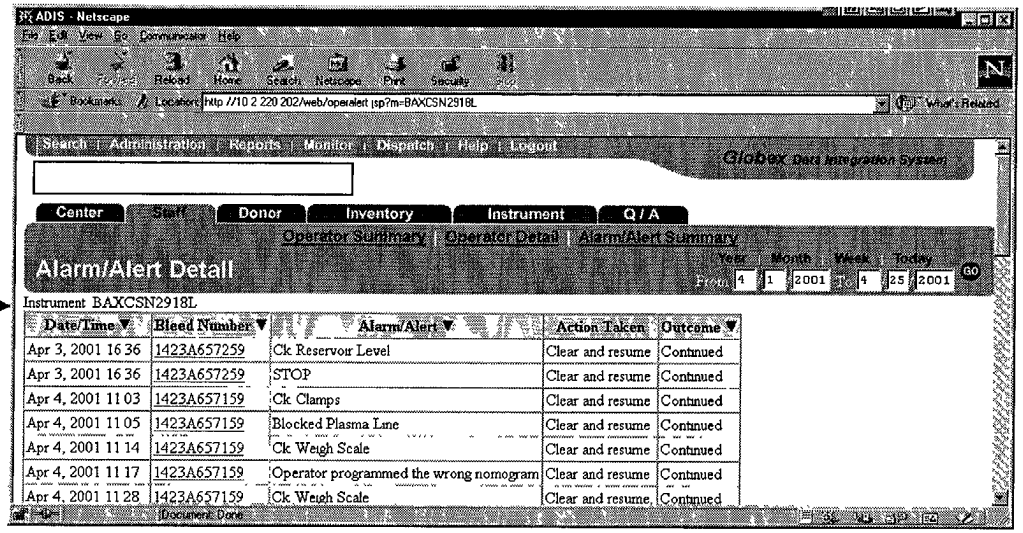

174
ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Operator Summary | Operator Detail | Alarm/Alert Summary
Alarm/Alert Detail
Year Month Week Today
From 4 1 2001 To 4 25 2001 GO
Instrument BAXCSN2918L
Date/Time
Bleed Number
Alarm/Alert
Action Taken
Outcome
Apr 3, 2001 16 36 | 1423A657259 | Ck Reservoir Level | Clear and resume | Continued
Apr 3, 2001 16 36 | 1423A657259 | STOP | Clear and resume | Continued
Apr 4, 2001 11 03 | 1423A657159 | Ck Clamps | Clear and resume | Continued
Apr 4, 2001 11 05 | 1423A657159 | Blocked Plasma Line | Clear and resume | Continued
Apr 4, 2001 11 14 | 1423A657159 | Ck Weigh Scale | Clear and resume | Continued
Apr 4, 2001 11 17 | 1423A657159 | Operator programmed the wrong nomogram | Clear and resume | Continued
Apr 4, 2001 11 28 | 1423A657159 | Ck Weigh Scale | Clear and resume, | Continued
Document: Done

Fig. 49

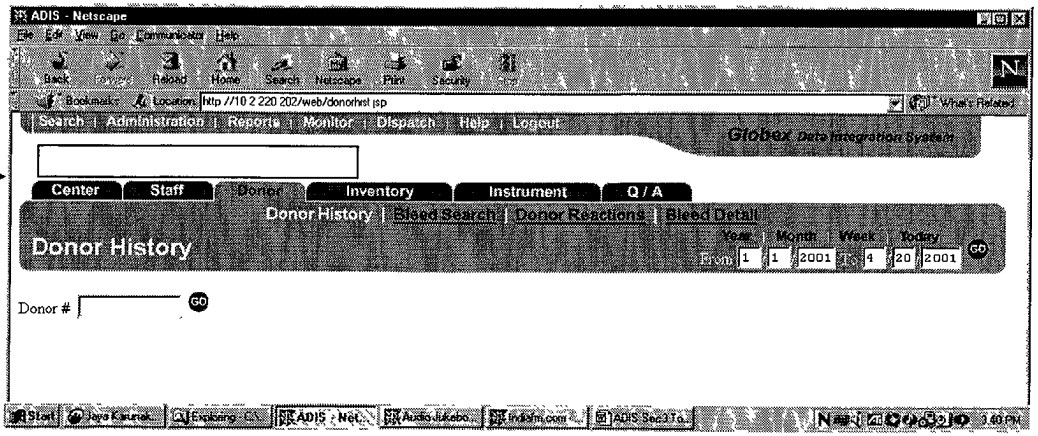

178
ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Donor History | Bleed Search | Donor Reactions | Bleed Detail
Donor History
Year Month Week Today
From 1 1 2001 To 4 20 2001 GO
Donor # GO

Fig. 50

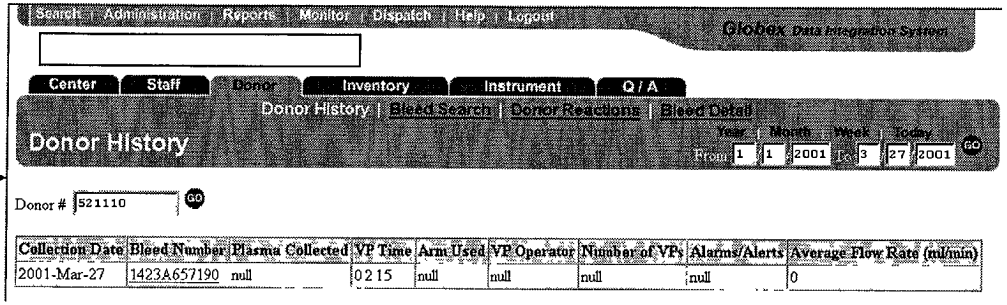

180
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Donor History | Bleed Search | Donor Reactions | Bleed Detail
Donor History
Year | Month | Week | Today
From 1 1 2001 To 3 27 2001 GO
Donor # 521110 GO
Collection Date | Bleed Number | Plasma Collected | VP Time | Arm Used | VP Operator | Number of VPs | Alarms/Alerts | Average Flow Rate (ml/min)
2001-Mar-27 | 1423A657190 | null | 0215 | null | null | null | null | 0

Fig. 51

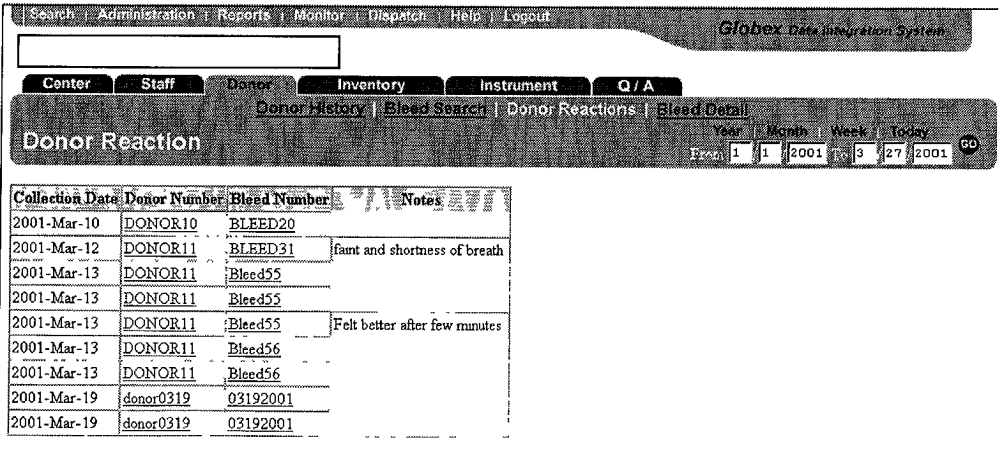
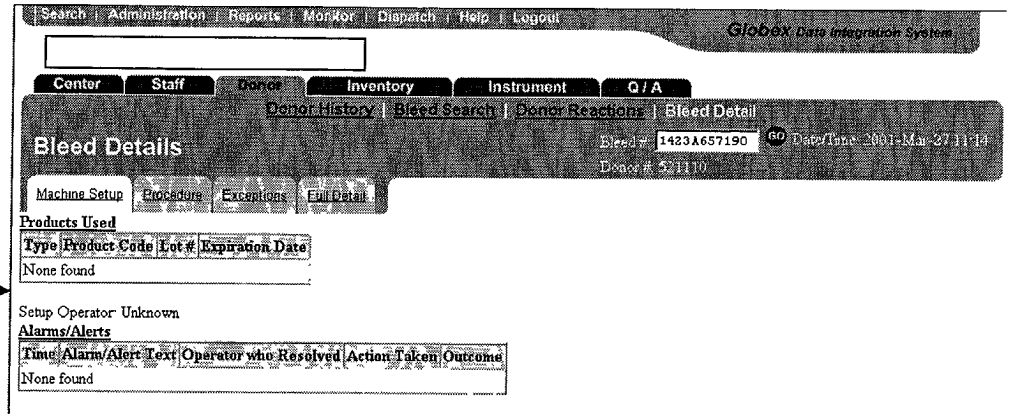
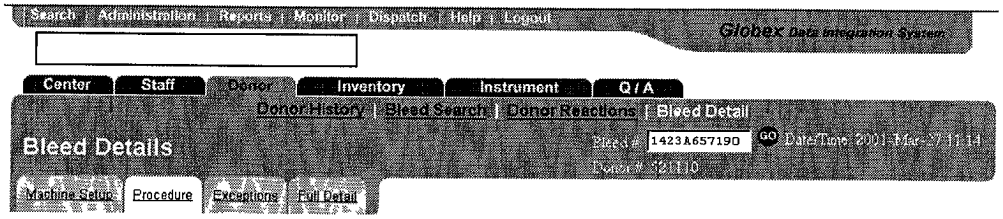

182
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Donor History | Bleed Search | Donor Reactions | Bleed Detail
Donor Reaction
Year | Month | Week | Today
From 1 1 2001 To 3 27 2001 GO
Collection Date | Donor Number | Bleed Number | Notes
2001-Mar-10 | DONOR10 | BLEED20 |
2001-Mar-12 | DONOR11 | BLEED31 | faint and shortness of breath
2001-Mar-13 | DONOR11 | Bleed55 |
2001-Mar-13 | DONOR11 | Bleed55 |
2001-Mar-13 | DONOR11 | Bleed55 | Felt better after few minutes
2001-Mar-13 | DONOR11 | Bleed56 |
2001-Mar-13 | DONOR11 | Bleed56 |
2001-Mar-19 | donor0319 | 03192001 |
2001-Mar-19 | donor0319 | 03192001 |

Fig. 52




184

Fig. 53




186

**Procedure Program**
Operator Unknown
AC Rate 6
Calculated nomogram 0
Programmed nomogram
Saline target 350

**Arm Prep**
Operator Unknown

**Venipuncture**
Operator Unknown
Arm used

**Remove Plasma**
Operator Unknown
Plasma collected 0

**Disconnect**
Operator Unknown
AC used 97
Total blood processed 117
VP Time 0 2 15

Fig. 54

188

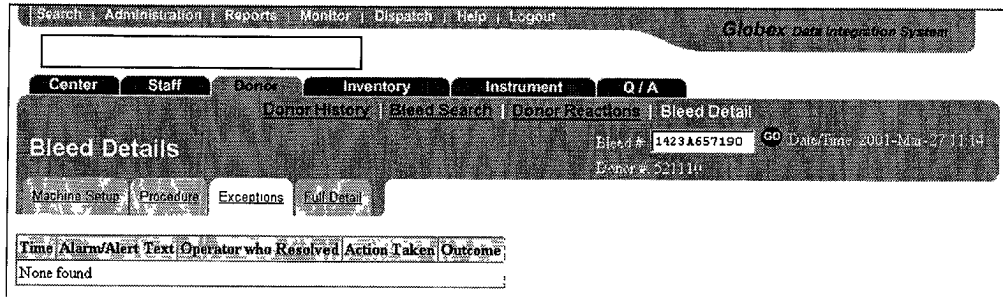
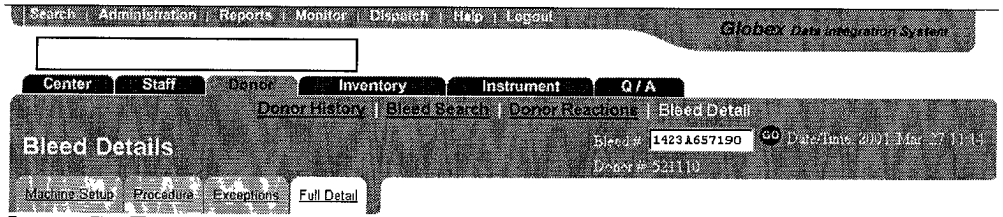



Fig. 55

190




Diagnosostic Flags TB

| Date/Time | Display | Cycle | P1 | P2 | Resv | Vol | Cuff | Plasma flow | M2 flow | Clamps | Mode |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2001-Mar-27 11 20 15 | **procedure program** - *Donor:* 521110[EDIT] | | | | | | | | | | |
| 2001-Mar-27 11 20 32 | **arm prep** - *Arm:* L[EDIT] | | | | | | | | | | |
| 2001-Mar-27 11 21 04 | **venipuncture** [EDIT] | | | | | | | | | | |
| 2001-Mar-27 11 23 11 | Percent AC 6% | 1 | 0 | 4 | 18 | 192 | -4 | 0 | 0 | OOXOX | 1 |
| 2001-Mar-27 11 23 18 | Plasma 690 mL 192 | 1 | 0 | 0 | 18 | 192 | 0 | 0 | 0 | OOXOX | 1 |
| 2001-Mar-27 11 23 19 | Plasma 825 mL 192 | 1 | 0 | 4 | 18 | 192 | 0 | 0 | 0 | OOXOX | 1 |
| 2001-Mar-27 11 23 20 | Plasma 880 mL 192 | 1 | 4 | 0 | 18 | 192 | -4 | 0 | 0 | OOXOX | 1 |
| 2001-Mar-27 11 23 30 | Saline 300 mL | 1 | 0 | 0 | 18 | 192 | -4 | 0 | 0 | OOXOX | 1 |
| 2001-Mar-27 11 23 31 | Saline 400 mL | 1 | 0 | 4 | 18 | 192 | 0 | 0 | 0 | OOXOX | 1 |
| 2001-Mar-27 11 23 32 | Saline 500 mL | 1 | 0 | 0 | 18 | 192 | -4 | 0 | 0 | OOXOX | 1 |
| 2001-Mar-27 11 23 33 | Saline 400 mL | 1 | 0 | 4 | 18 | 192 | 0 | 0 | 0 | OOXOX | 1 |
| 2001-Mar-27 11 23 35 | Saline 300 mL | 1 | 0 | 4 | 18 | 192 | 0 | 0 | 0 | OOXOX | 1 |

Fig. 56

192

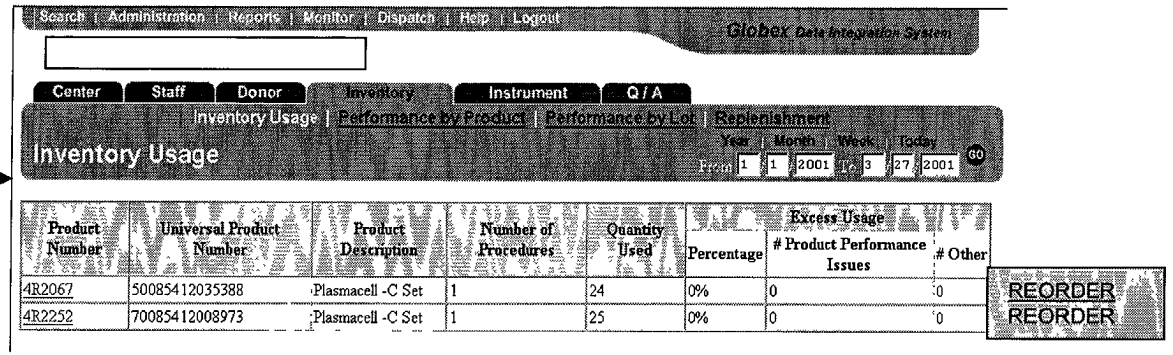



Fig. 57

194

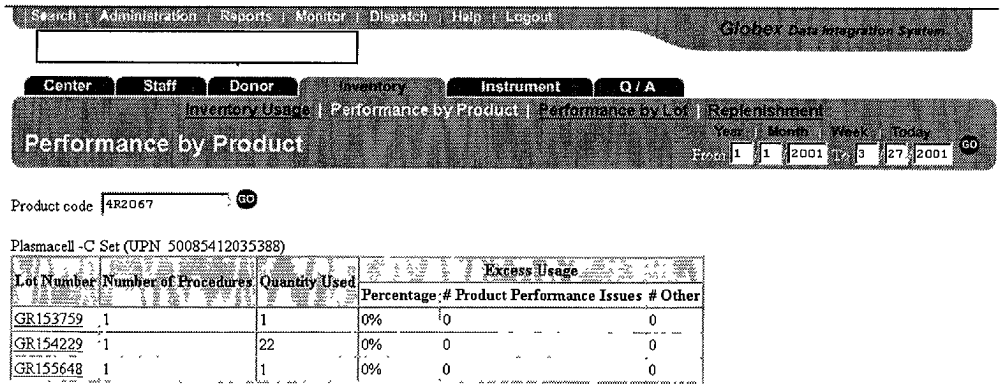


Fig. 58

196

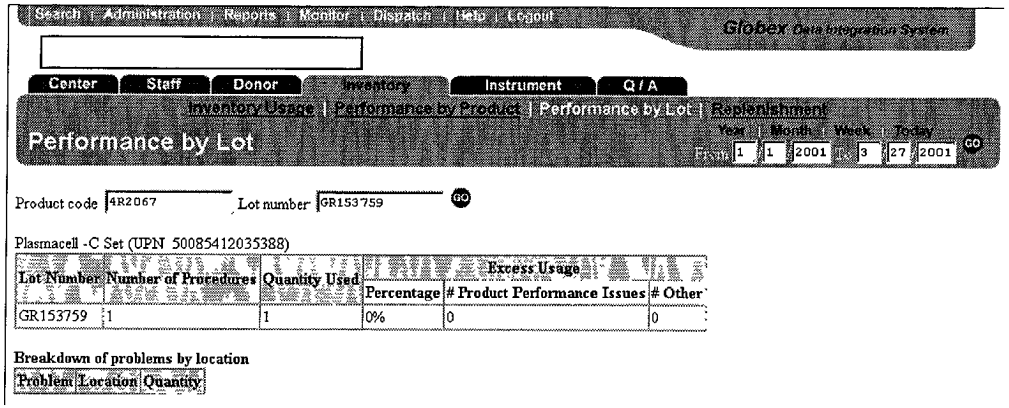



Fig. 59

198

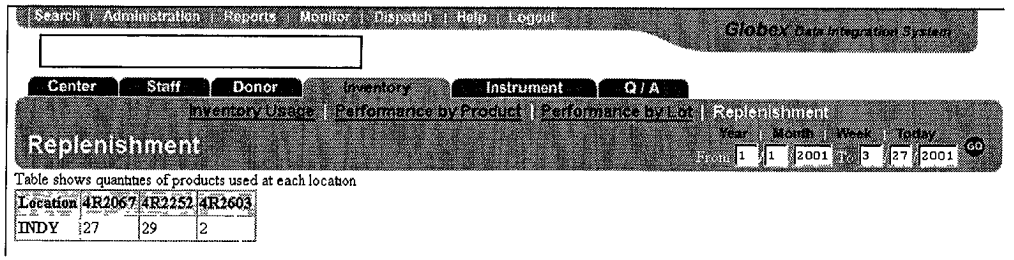
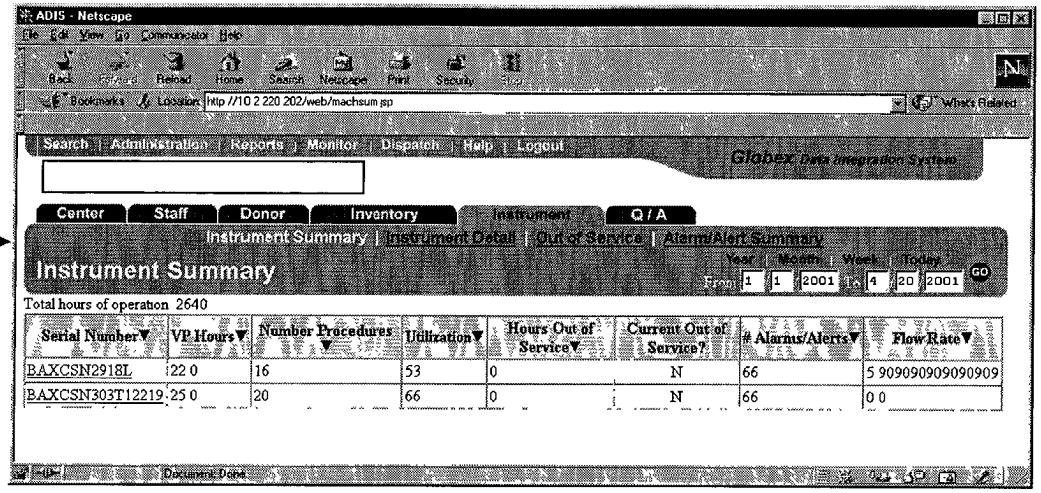
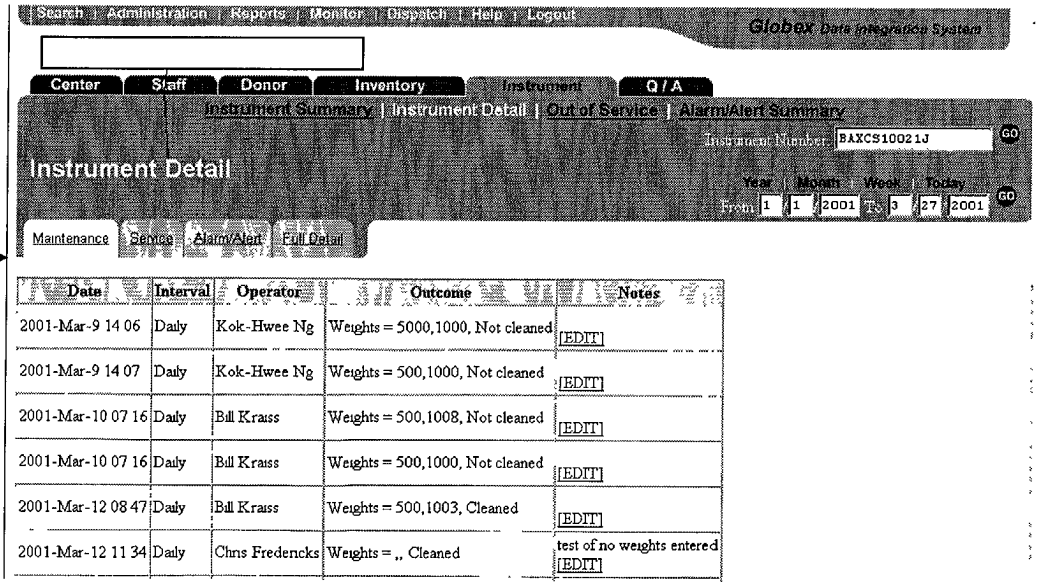


Fig. 60



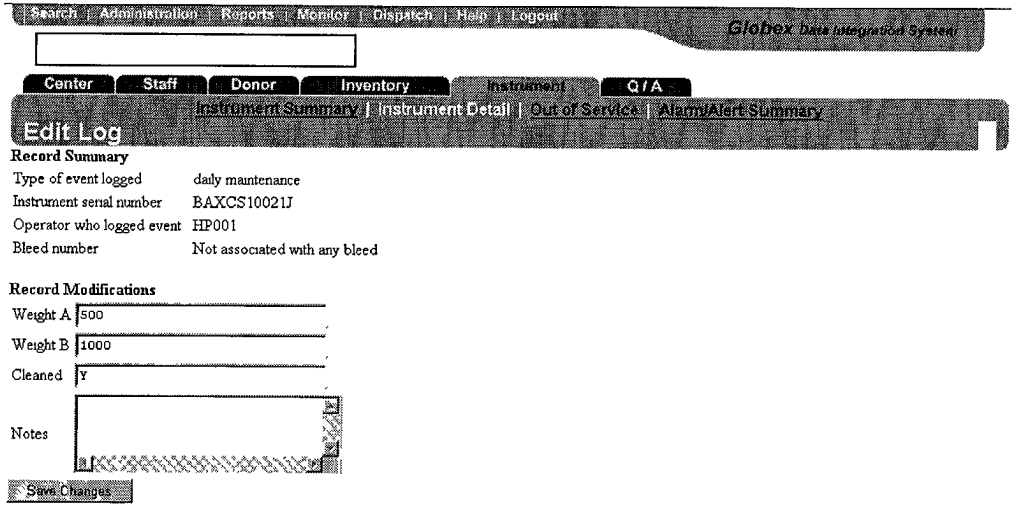

200

Fig. 61




202

# Fig. 62


Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Instrument Summary | Instrument Detail | Out of Service | Alarm/Alert Summary
Edit Log
Record Summary
Type of event logged daily maintenance
Instrument serial number BAXCS10021J
Operator who logged event HP001
Bleed number Not associated with any bleed
Record Modifications
Weight A 500
Weight B 1000
Cleaned Y
Notes
Save Changes

204

Fig. 63

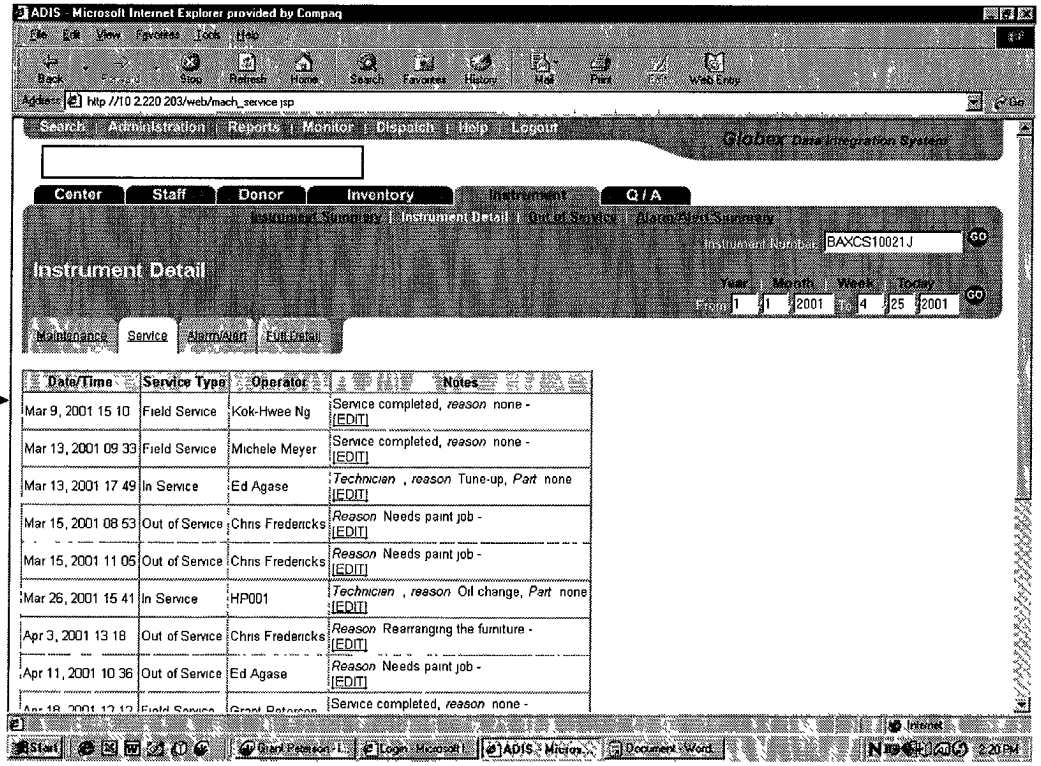

ADIS - Microsoft Internet Explorer provided by Compaq
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Instrument Summary | Instrument Detail | Out of Service | Alarm/Alert Summary
Instrument Number BAXCS10021J
Instrument Detail
Year Month Week Today
Maintenance
Service
Alarm/Alert
Full Detail
206
Date/Time | Service Type | Operator | Notes
Mar 9, 2001 15 10 | Field Service | Kok-Hwee Ng | Service completed, reason none - [EDIT]
Mar 13, 2001 09 33 | Field Service | Michele Meyer | Service completed, reason none - [EDIT]
Mar 13, 2001 17 49 | In Service | Ed Agase | Technician , reason Tune-up, Part none [EDIT]
Mar 15, 2001 08 53 | Out of Service | Chris Fredericks | Reason Needs paint job - [EDIT]
Mar 15, 2001 11 05 | Out of Service | Chris Fredericks | Reason Needs paint job - [EDIT]
Mar 26, 2001 15 41 | In Service | HP001 | Technician , reason Oil change, Part none [EDIT]
Apr 3, 2001 13 18 | Out of Service | Chris Fredericks | Reason Rearranging the furniture - [EDIT]
Apr 11, 2001 10 36 | Out of Service | Ed Agase | Reason Needs paint job - [EDIT]
Service completed, reason none -

Fig. 64

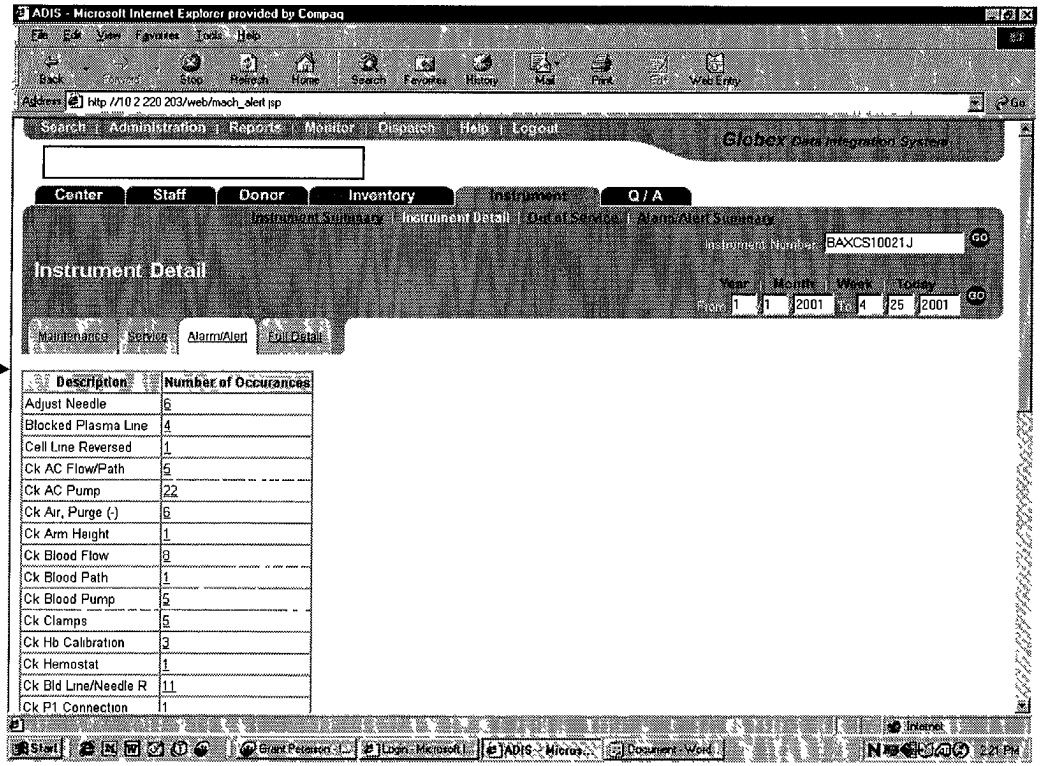
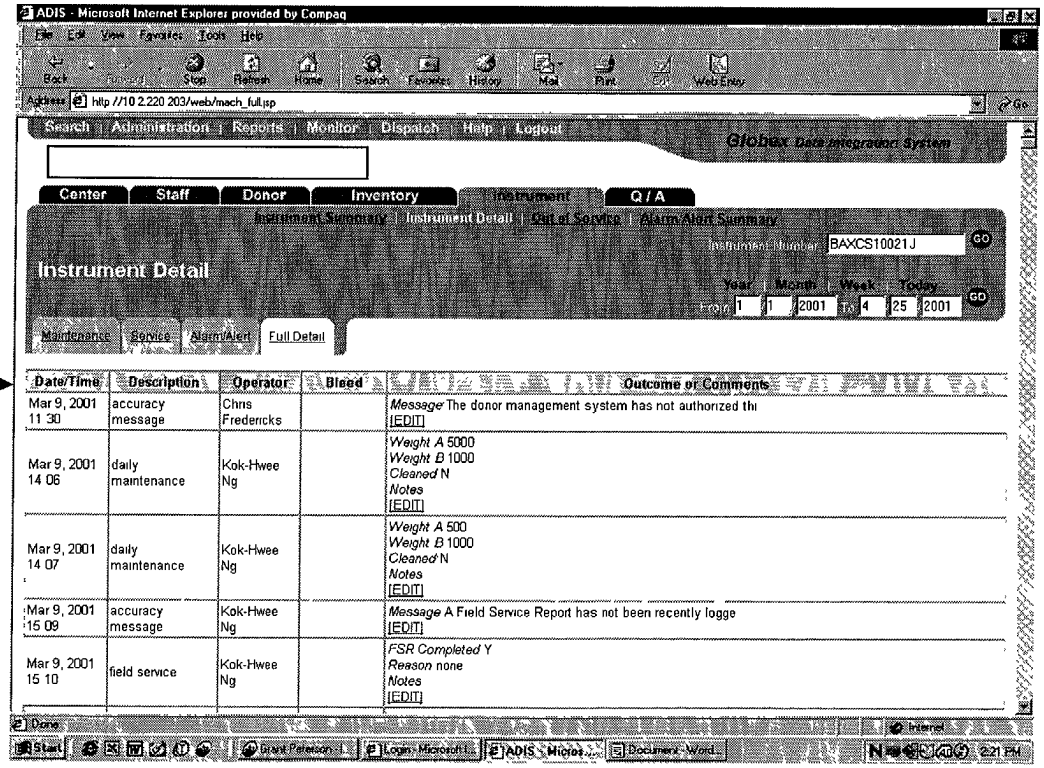

208
ADIS - Microsoft Internet Explorer provided by Compaq
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Instrument Summary | Instrument Detail | Out of Service | Alarm/Alert Summary
Instrument Detail
Maintenance
Service
Alarm/Alert
Full Detail
Description
Number of Occurances
Adjust Needle 6
Blocked Plasma Line 4
Cell Line Reversed 1
Ck AC Flow/Path 5
Ck AC Pump 22
Ck Air, Purge (-) 6
Ck Arm Height 1
Ck Blood Flow 8
Ck Blood Path 1
Ck Blood Pump 5
Ck Clamps 5
Ck Hb Calibration 3
Ck Hemostat 1
Ck Bld Line/Needle R 11
Ck P1 Connection 1

Fig. 65


ADIS - Microsoft Internet Explorer provided by Compaq
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globax Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Instrument Summary | Instrument Detail | Out of Service | Alarm/Alert Summary
Instrument Detail
BAXCS10021J
Maintenance
Service
Alarm/Alert
Full Detail
Date/Time
Description
Operator
Bleed
Outcome or Comments
Mar 9, 2001 11 30
accuracy message
Chris Fredericks
Message The donor management system has not authorized thi
[EDIT]
Mar 9, 2001 14 06
daily maintenance
Kok-Hwee Ng
Weight A 5000
Weight B 1000
Cleaned N
Notes
[EDIT]
Mar 9, 2001 14 07
daily maintenance
Kok-Hwee Ng
Weight A 500
Weight B 1000
Cleaned N
Notes
[EDIT]
Mar 9, 2001 15 09
accuracy message
Kok-Hwee Ng
Message A Field Service Report has not been recently logge
[EDIT]
Mar 9, 2001 15 10
field service
Kok-Hwee Ng
FSR Completed Y
Reason none
Notes
[EDIT]

210

Fig. 66

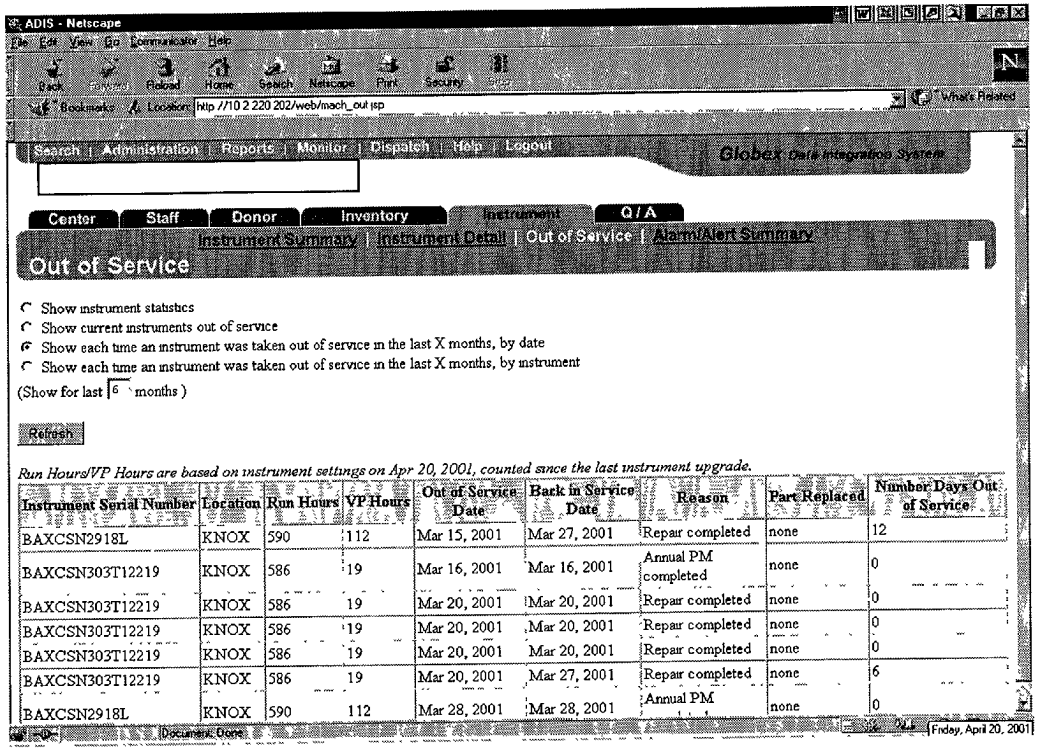

212
ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q/A
Instrument Summary | Instrument Detail | Out of Service | Alarm/Alert Summary
Out of Service
Show instrument statistics
Show current instruments out of service
Show each time an instrument was taken out of service in the last X months, by date
Show each time an instrument was taken out of service in the last X months, by instrument
(Show for last 6 months )
Refresh
Run Hours/VP Hours are based on instrument settings on Apr 20, 2001, counted since the last instrument upgrade.
Instrument Serial Number | Location | Run Hours | VP Hours | Out of Service Date | Back in Service Date | Reason | Part Replaced | Number Days Out of Service
BAXCSN2918L | KNOX | 590 | 112 | Mar 15, 2001 | Mar 27, 2001 | Repair completed | none | 12
BAXCSN303T12219 | KNOX | 586 | 19 | Mar 16, 2001 | Mar 16, 2001 | Annual PM completed | none | 0
BAXCSN303T12219 | KNOX | 586 | 19 | Mar 20, 2001 | Mar 20, 2001 | Repair completed | none | 0
BAXCSN303T12219 | KNOX | 586 | 19 | Mar 20, 2001 | Mar 20, 2001 | Repair completed | none | 0
BAXCSN303T12219 | KNOX | 586 | 19 | Mar 20, 2001 | Mar 20, 2001 | Repair completed | none | 0
BAXCSN303T12219 | KNOX | 586 | 19 | Mar 20, 2001 | Mar 27, 2001 | Repair completed | none | 6
BAXCSN2918L | KNOX | 590 | 112 | Mar 28, 2001 | Mar 28, 2001 | Annual PM | none | 0
Document: Done
Friday, April 20, 2001

Fig. 67

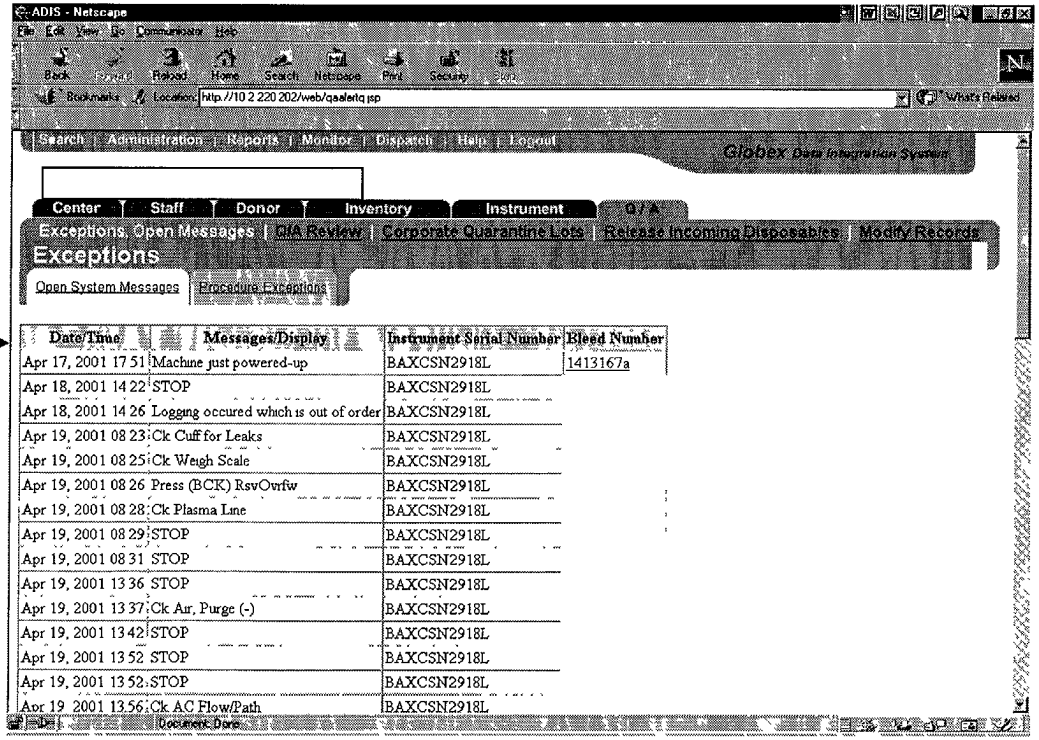
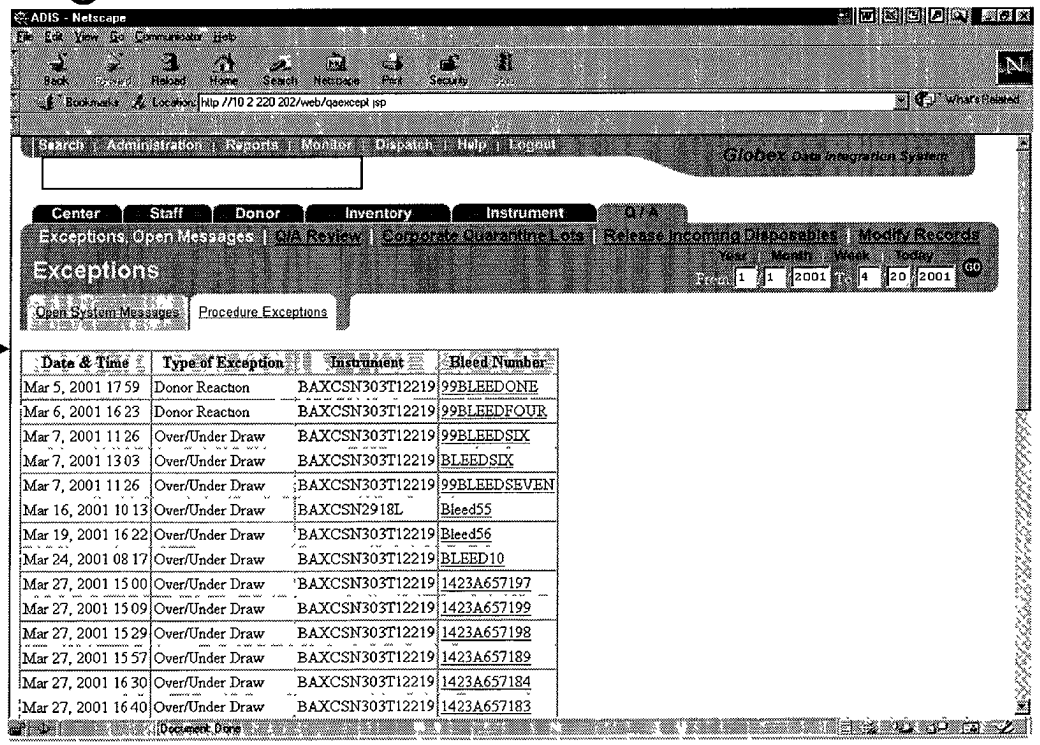

ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center | Staff | Donor | Inventory | Instrument | Q/A
Exceptions: Open Messages | QIA Review | Corporate Quarantine Lots | Release Incoming Disposables | Modify Records
Exceptions
Open System Messages | Procedure Exceptions
214
Date/Time | Messages/Display | Instrument Serial Number | Bleed Number
Apr 17, 2001 17 51 | Machine just powered-up | BAXCSN2918L | 1413167a
Apr 18, 2001 14 22 | STOP | BAXCSN2918L
Apr 18, 2001 14 26 | Logging occured which is out of order | BAXCSN2918L
Apr 19, 2001 08 23 | Ck Cuff for Leaks | BAXCSN2918L
Apr 19, 2001 08 25 | Ck Weigh Scale | BAXCSN2918L
Apr 19, 2001 08 26 | Press (BCK) RsvOvrfw | BAXCSN2918L
Apr 19, 2001 08 28 | Ck Plasma Line | BAXCSN2918L
Apr 19, 2001 08 29 | STOP | BAXCSN2918L
Apr 19, 2001 08 31 | STOP | BAXCSN2918L
Apr 19, 2001 13 36 | STOP | BAXCSN2918L
Apr 19, 2001 13 37 | Ck Air, Purge (-) | BAXCSN2918L
Apr 19, 2001 13 42 | STOP | BAXCSN2918L
Apr 19, 2001 13 52 | STOP | BAXCSN2918L
Apr 19, 2001 13 52 | STOP | BAXCSN2918L
Apr 19, 2001 13 56 | Ck AC Flow/Path | BAXCSN2918L
Document Done

Fig. 68




| Date & Time | Type of Exception | Instrument | Bleed Number |
|---|---|---|---|
| Mar 5, 2001 17 59 | Donor Reaction | BAXCSN303T12219 | 99BLEEDONE |
| Mar 6, 2001 16 23 | Donor Reaction | BAXCSN303T12219 | 99BLEEDFOUR |
| Mar 7, 2001 11 26 | Over/Under Draw | BAXCSN303T12219 | 99BLEEDSIX |
| Mar 7, 2001 13 03 | Over/Under Draw | BAXCSN303T12219 | BLEEDSIX |
| Mar 7, 2001 11 26 | Over/Under Draw | BAXCSN303T12219 | 99BLEEDSEVEN |
| Mar 16, 2001 10 13 | Over/Under Draw | BAXCSN2918L | Bleed55 |
| Mar 19, 2001 16 22 | Over/Under Draw | BAXCSN303T12219 | Bleed56 |
| Mar 24, 2001 08 17 | Over/Under Draw | BAXCSN303T12219 | BLEED10 |
| Mar 27, 2001 15 00 | Over/Under Draw | BAXCSN303T12219 | 1423A657197 |
| Mar 27, 2001 15 09 | Over/Under Draw | BAXCSN303T12219 | 1423A657199 |
| Mar 27, 2001 15 29 | Over/Under Draw | BAXCSN303T12219 | 1423A657198 |
| Mar 27, 2001 15 57 | Over/Under Draw | BAXCSN303T12219 | 1423A657189 |
| Mar 27, 2001 16 30 | Over/Under Draw | BAXCSN303T12219 | 1423A657184 |
| Mar 27, 2001 16 40 | Over/Under Draw | BAXCSN303T12219 | 1423A657183 |

Fig. 69

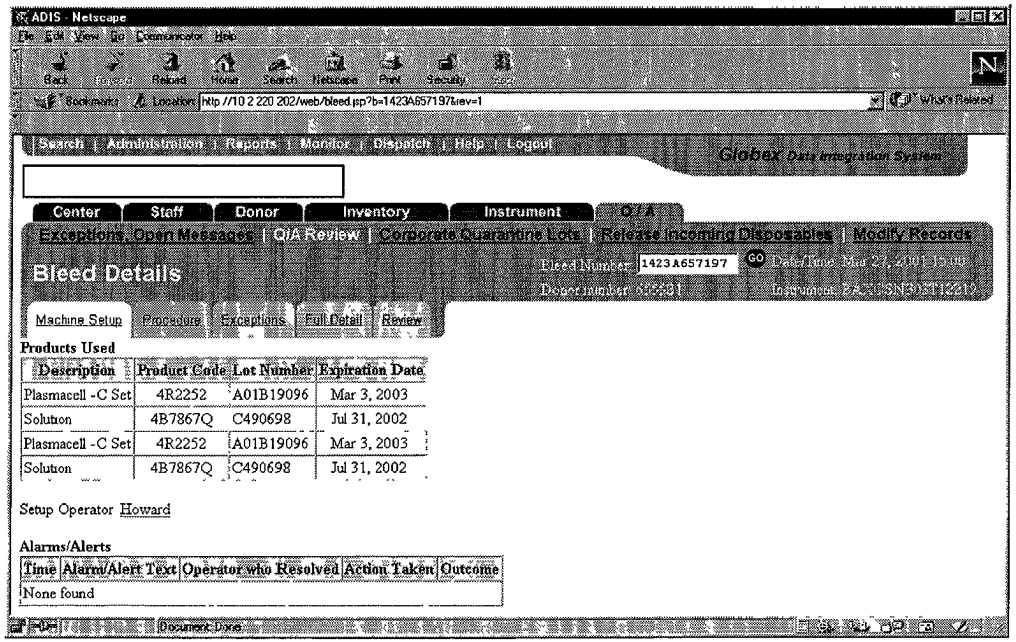

218
ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Exceptions, Open Messages | Q/A Review | Corporate Quarantine Lots | Release Incoming Disposables | Modify Records
Bleed Details
Bleed Number: 1423A657197
Machine Setup
Procedure
Exceptions
Full Detail
Review
Products Used
Description | Product Code | Lot Number | Expiration Date
Plasmacell -C Set | 4R2252 | A01B19096 | Mar 3, 2003
Solution | 4B7867Q | C490698 | Jul 31, 2002
Plasmacell -C Set | 4R2252 | A01B19096 | Mar 3, 2003
Solution | 4B7867Q | C490698 | Jul 31, 2002
Setup Operator Howard
Alarms/Alerts
Time | Alarm/Alert Text | Operator who Resolved | Action Taken | Outcome
None found

Fig. 70

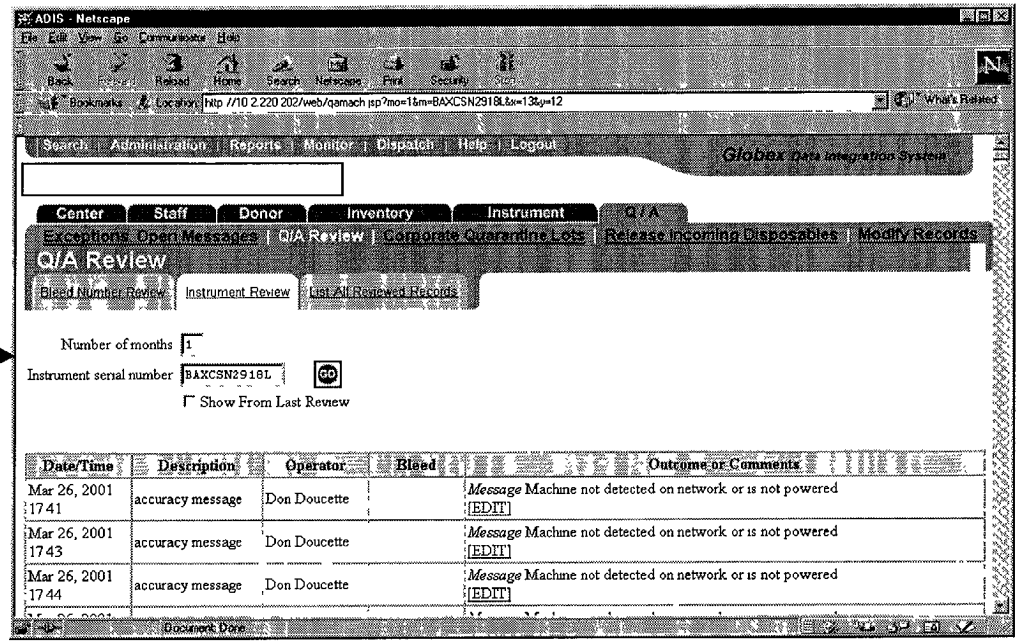

ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globax Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Exceptions Open Messages | Q/A Review | Corporate Quarantine Lots | Release Incoming Disposables | Modify Records
Q/A Review
Bleed Number Review
Instrument Review
List All Reviewed Records
220
Number of months 1
Instrument serial number BAXCSN2918L
GO
Show From Last Review
Date/Time
Description
Operator
Bleed
Outcome or Comments
Mar 26, 2001 17:41
accuracy message
Don Doucette
Message Machine not detected on network or is not powered
[EDIT]
Mar 26, 2001 17:43
accuracy message
Don Doucette
Message Machine not detected on network or is not powered
[EDIT]
Mar 26, 2001 17:44
accuracy message
Don Doucette
Message Machine not detected on network or is not powered
[EDIT]

Fig. 71

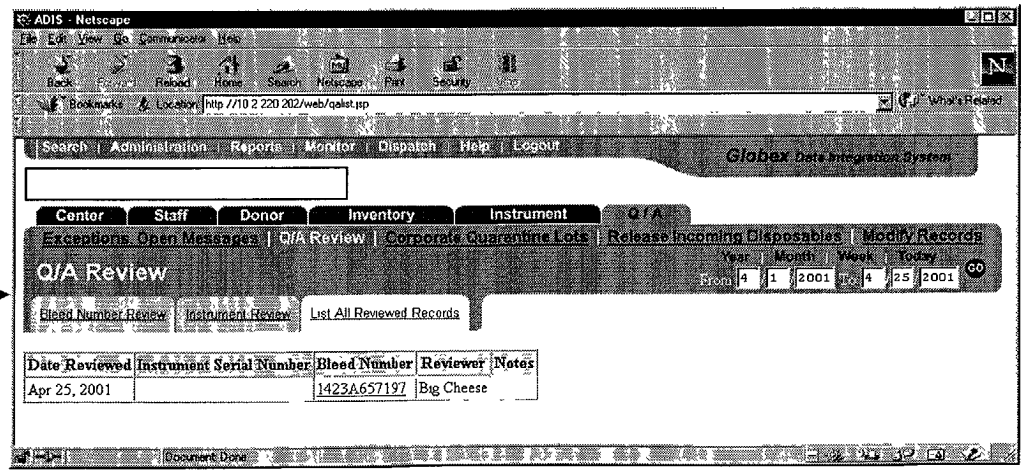

ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globax Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Exceptions Open Messages | Q/A Review | Corporate Quarantine Lots | Release Incoming Disposables | Modify Records
Q/A Review
222
Year Month Week Today
From 4 1 2001 To 4 25 2001
GO
Bleed Number Review
Instrument Review
List All Reviewed Records
Date Reviewed
Instrument Serial Number
Bleed Number
Reviewer
Notes
Apr 25, 2001
1423A657197
Big Cheese

Fig. 72

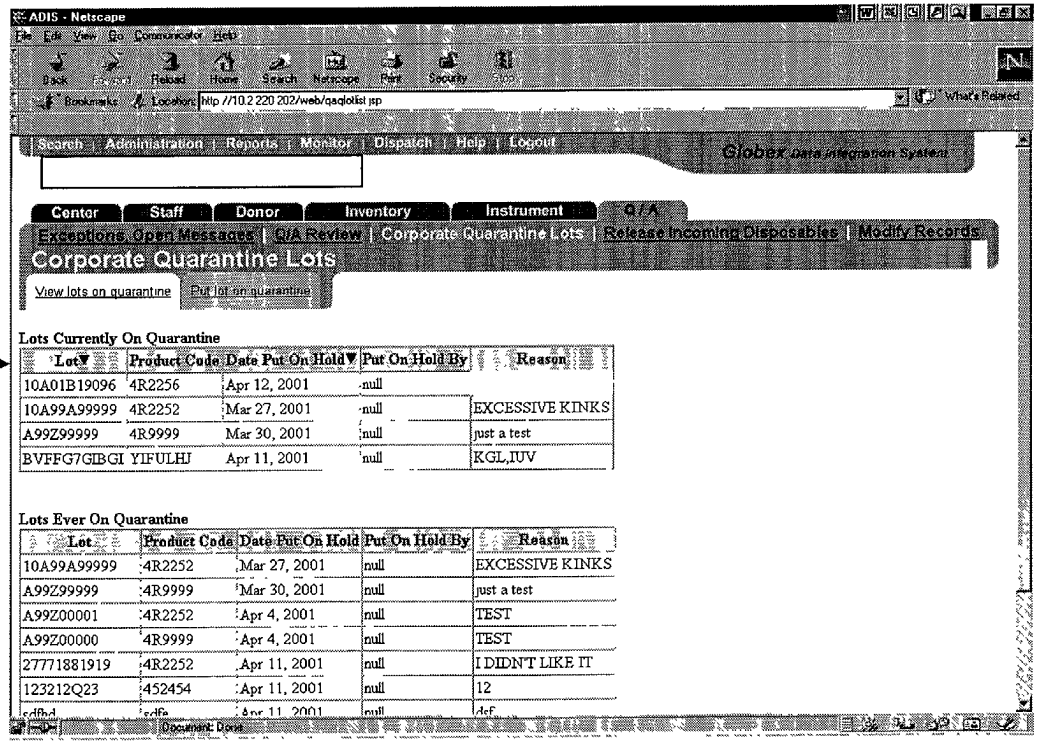

ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Global Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q/A
Exceptions, Open Messages | Q/A Review | Corporate Quarantine Lots | Release Incoming Disposables | Modify Records
Corporate Quarantine Lots
View lots on quarantine
Put lot on quarantine
224
Lots Currently On Quarantine
Lot
Product Code
Date Put On Hold
Put On Hold By
Reason
10A01B19096 4R2256 Apr 12, 2001 null
10A99A99999 4R2252 Mar 27, 2001 null EXCESSIVE KINKS
A99Z99999 4R9999 Mar 30, 2001 null just a test
BVFFG7GIBGI YIFULHJ Apr 11, 2001 null KGL,IUV
Lots Ever On Quarantine
Lot
Product Code
Date Put On Hold
Put On Hold By
Reason
10A99A99999 4R2252 Mar 27, 2001 null EXCESSIVE KINKS
A99Z99999 4R9999 Mar 30, 2001 null just a test
A99Z00001 4R2252 Apr 4, 2001 null TEST
A99Z00000 4R9999 Apr 4, 2001 null TEST
27771881919 4R2252 Apr 11, 2001 null I DIDN'T LIKE IT
123212Q23 452454 Apr 11, 2001 null 12

Fig. 73

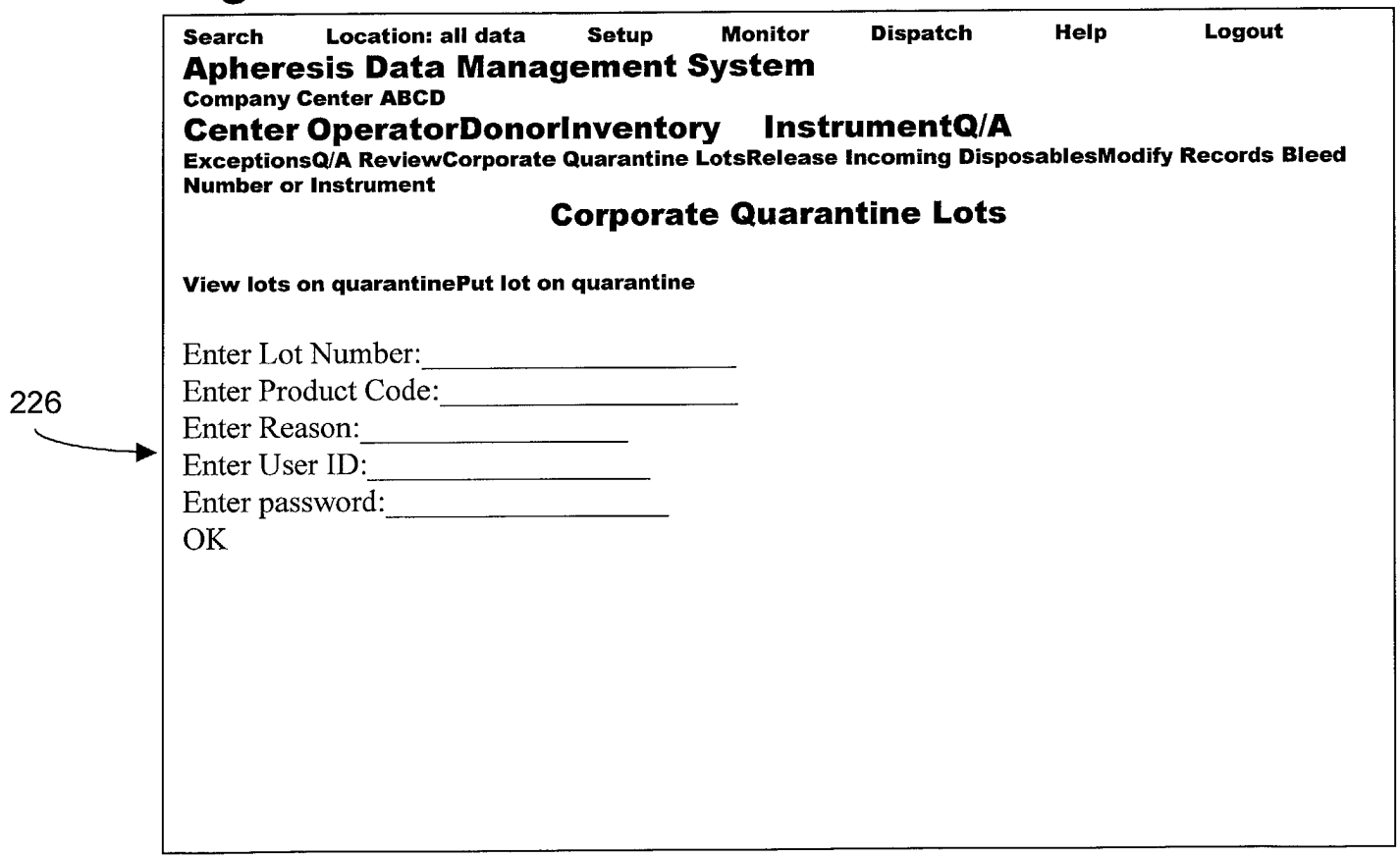
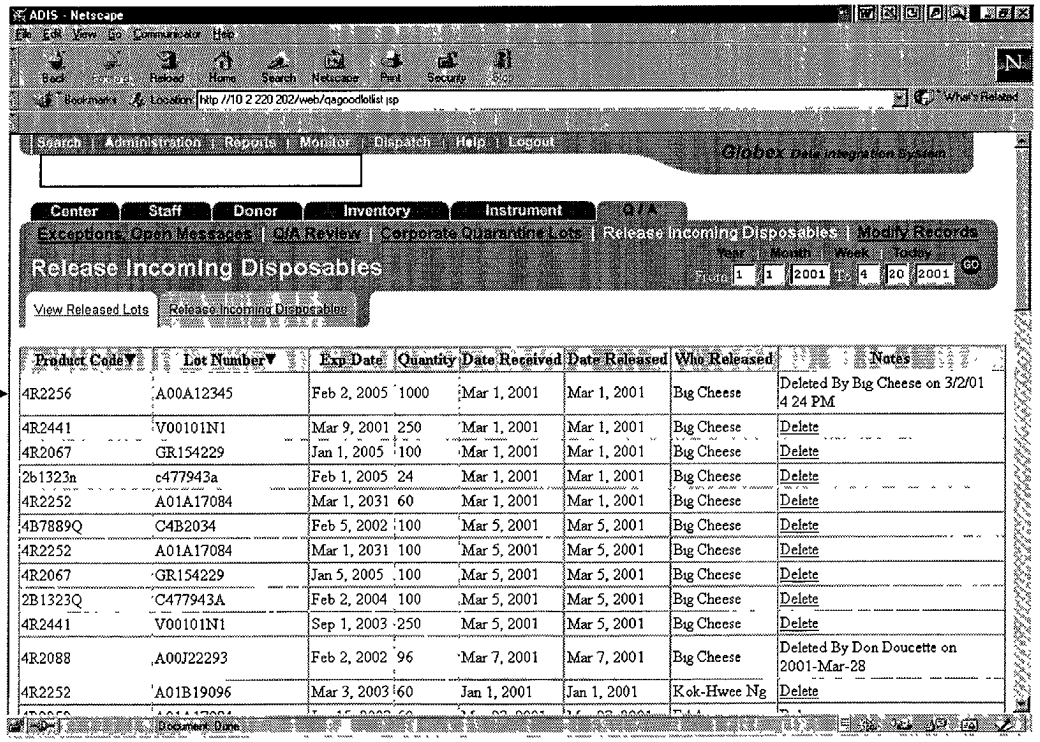

Search
Location: all data
Setup
Monitor
Dispatch
Help
Logout
Apheresis Data Management System
Company Center ABCD
Center OperatorDonorInventory
InstrumentQ/A
ExceptionsQ/A ReviewCorporate Quarantine LotsRelease Incoming DisposablesModify Records Bleed
Number or Instrument
Corporate Quarantine Lots
View lots on quarantinePut lot on quarantine
Enter Lot Number:
Enter Product Code:
Enter Reason:
Enter User ID:
Enter password:
OK
226

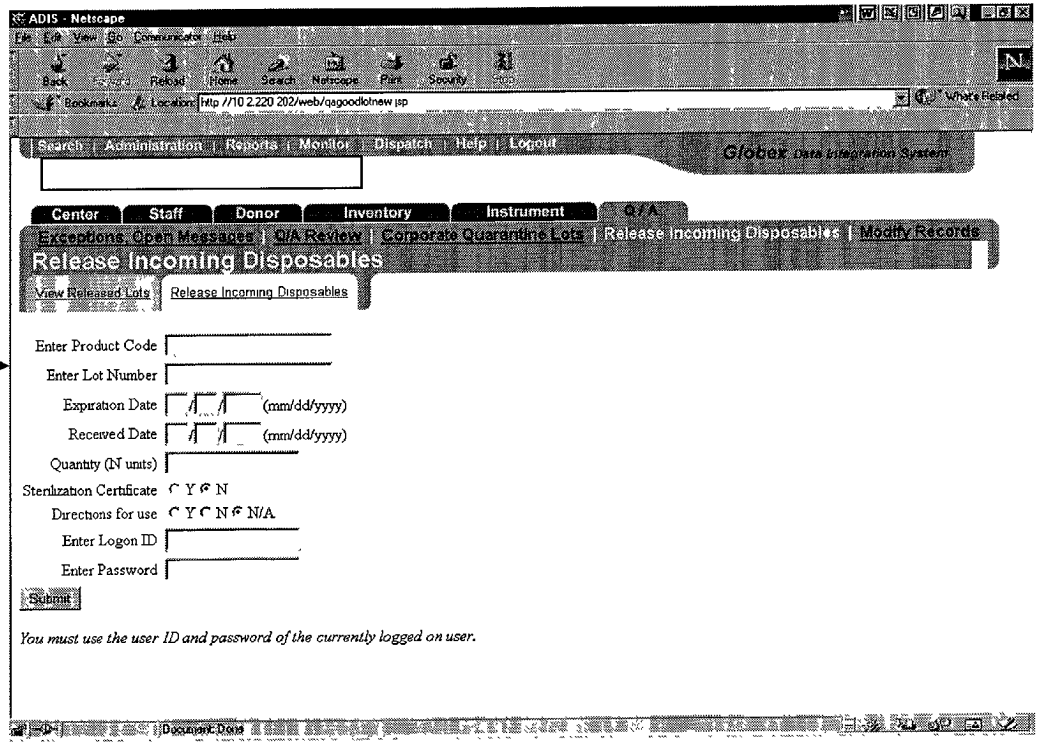
Fig. 74




226

| Product Code | Lot Number | Exp Date | Quantity | Date Received | Date Released | Who Released | Notes |
|---|---|---|---|---|---|---|---|
| 4R2256 | A00A12345 | Feb 2, 2005 | 1000 | Mar 1, 2001 | Mar 1, 2001 | Big Cheese | Deleted By Big Cheese on 3/2/01 4 24 PM |
| 4R2441 | V00101N1 | Mar 9, 2001 | 250 | Mar 1, 2001 | Mar 1, 2001 | Big Cheese | Delete |
| 4R2067 | GR154229 | Jan 1, 2005 | 100 | Mar 1, 2001 | Mar 1, 2001 | Big Cheese | Delete |
| 2b1323n | c477943a | Feb 1, 2005 | 24 | Mar 1, 2001 | Mar 1, 2001 | Big Cheese | Delete |
| 4R2252 | A01A17084 | Mar 1, 2031 | 60 | Mar 1, 2001 | Mar 1, 2001 | Big Cheese | Delete |
| 4B7889Q | C4B2034 | Feb 5, 2002 | 100 | Mar 5, 2001 | Mar 5, 2001 | Big Cheese | Delete |
| 4R2252 | A01A17084 | Mar 1, 2031 | 100 | Mar 5, 2001 | Mar 5, 2001 | Big Cheese | Delete |
| 4R2067 | GR154229 | Jan 5, 2005 | 100 | Mar 5, 2001 | Mar 5, 2001 | Big Cheese | Delete |
| 2B1323Q | C477943A | Feb 2, 2004 | 100 | Mar 5, 2001 | Mar 5, 2001 | Big Cheese | Delete |
| 4R2441 | V00101N1 | Sep 1, 2003 | 250 | Mar 5, 2001 | Mar 5, 2001 | Big Cheese | Delete |
| 4R2088 | A00J22293 | Feb 2, 2002 | 96 | Mar 7, 2001 | Mar 7, 2001 | Big Cheese | Deleted By Don Doucette on 2001-Mar-28 |
| 4R2252 | A01B19096 | Mar 3, 2003 | 60 | Jan 1, 2001 | Jan 1, 2001 | Kok-Hwee Ng | Delete |

Fig. 75


ADIS - Netscape
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Center
Staff
Donor
Inventory
Instrument
Q/A
Exceptions: Open Messages | Q/A Review | Corporate Quarantine Lots | Release Incoming Disposables | Modify Records
Release Incoming Disposables
View Released Lots
Release Incoming Disposables
Enter Product Code
Enter Lot Number
Expiration Date (mm/dd/yyyy)
Received Date (mm/dd/yyyy)
Quantity (N units)
Sterilization Certificate Y N
Directions for use Y N N/A
Enter Logon ID
Enter Password
Submit
You must use the user ID and password of the currently logged on user.

228

Fig. 76

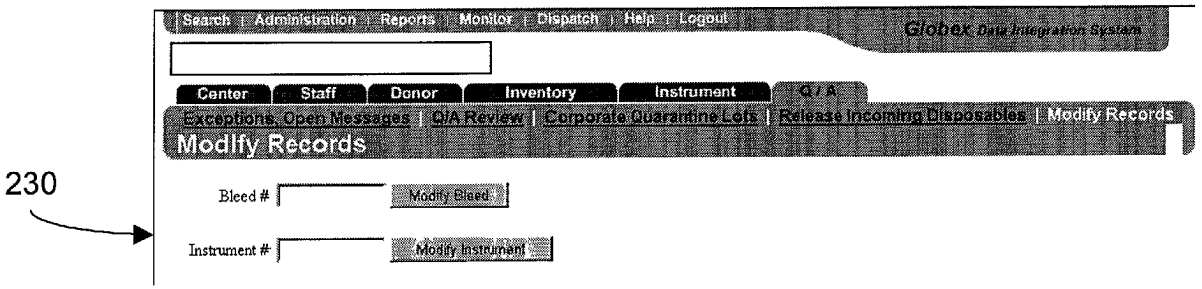

Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Globex Data Integration System
Center
Staff
Donor
Inventory
Instrument
Q / A
Exceptions, Open Messages | Q/A Review | Corporate Quarantine Lots | Release Incoming Disposables | Modify Records
Modify Records
Bleed #
Modify Bleed
Instrument #
Modify Instrument
230

Fig. 77

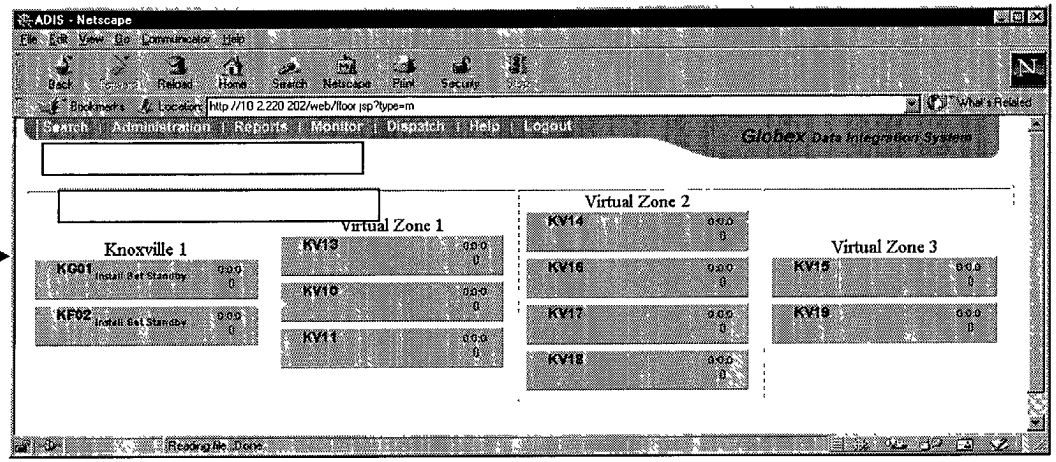



Fig. 77a

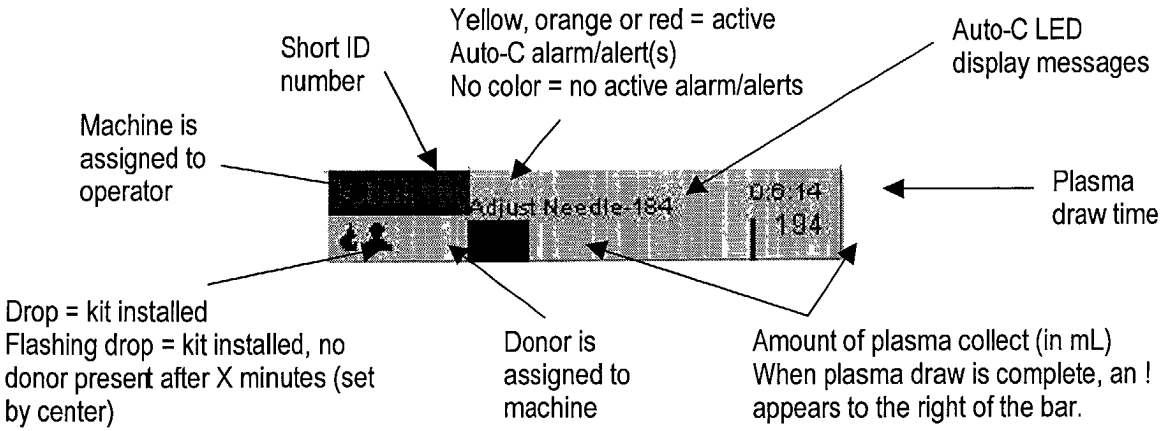


Fig. 78

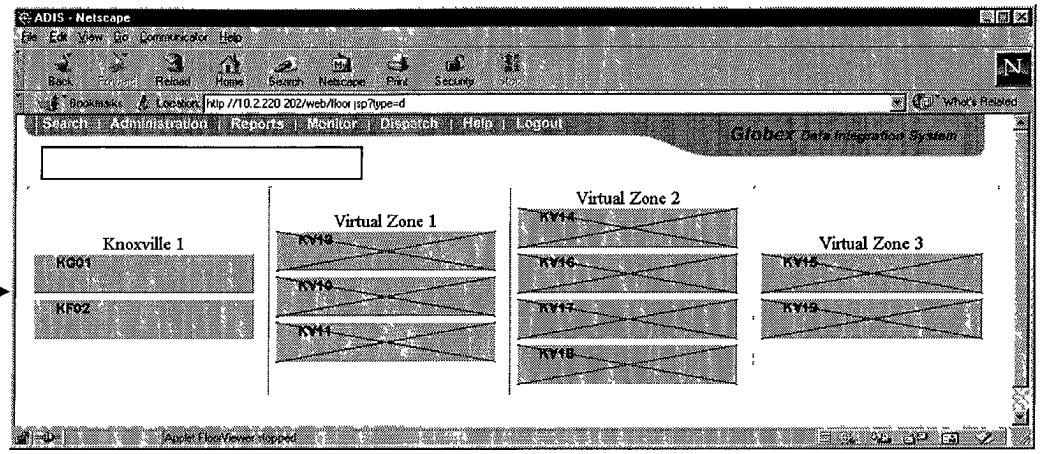



Fig. 78a

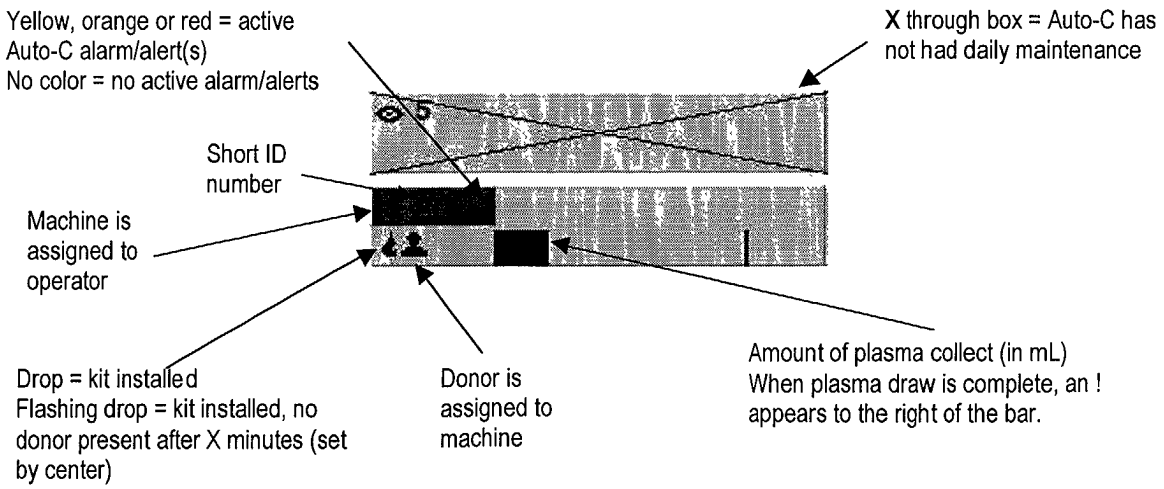


Fig. 79

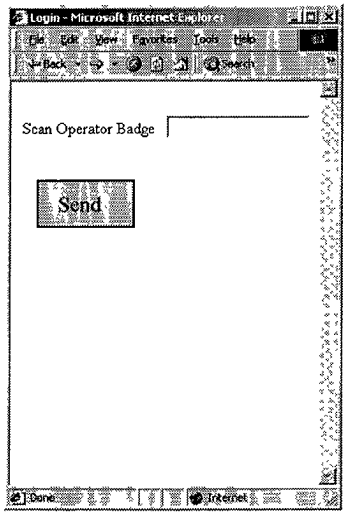



Fig. 80

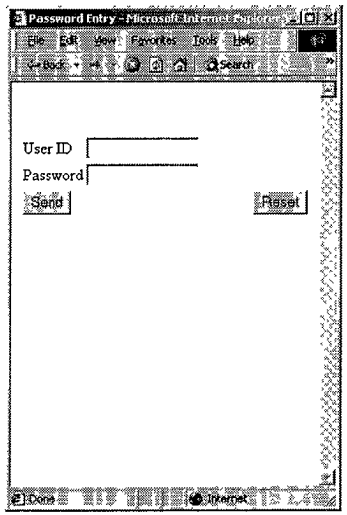



Fig. 81

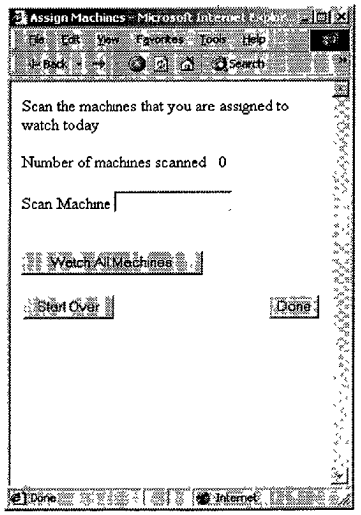


Fig. 82a

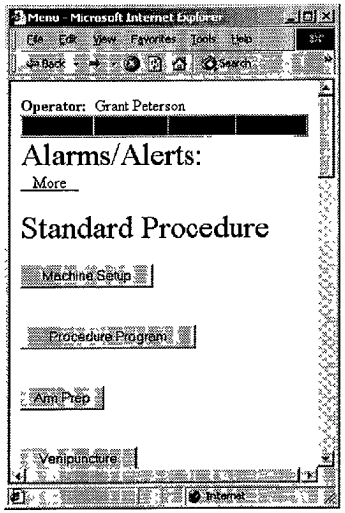



Fig. 82b

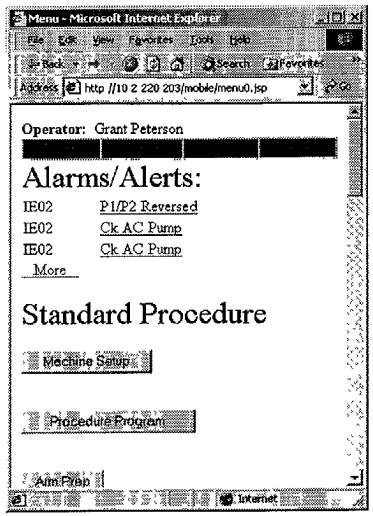



Fig. 82c

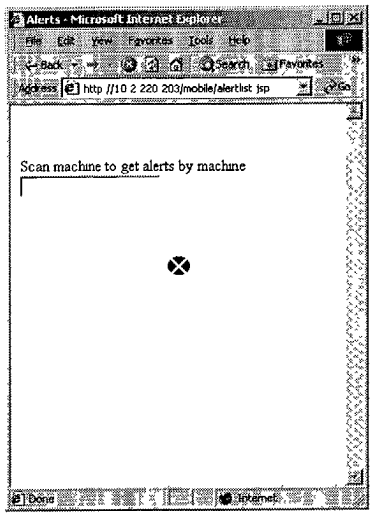



Fig. 82d

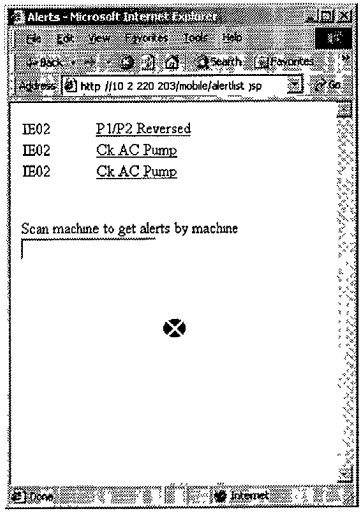



Fig. 82e

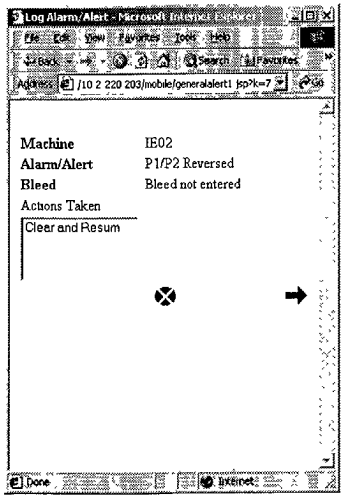
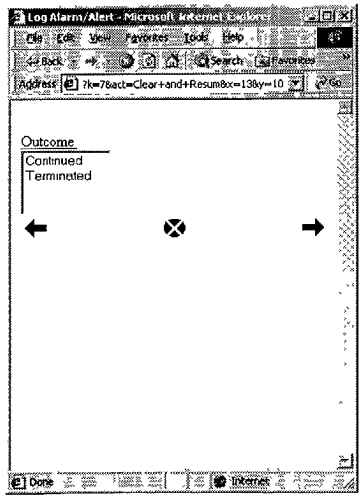



Fig. 82f

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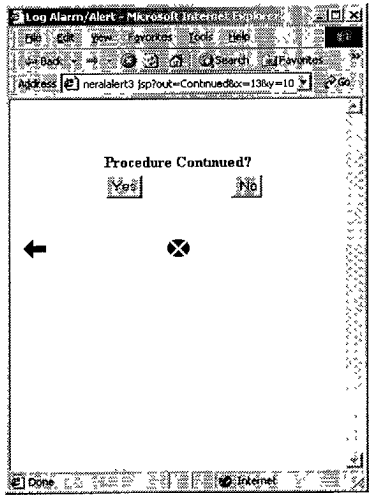



Fig. 82g

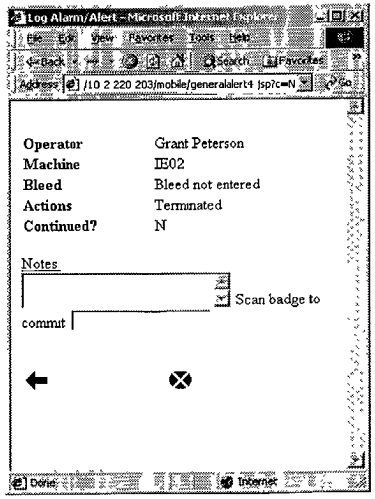


Fig. 83a

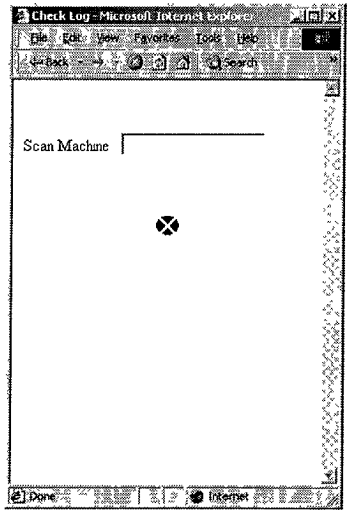
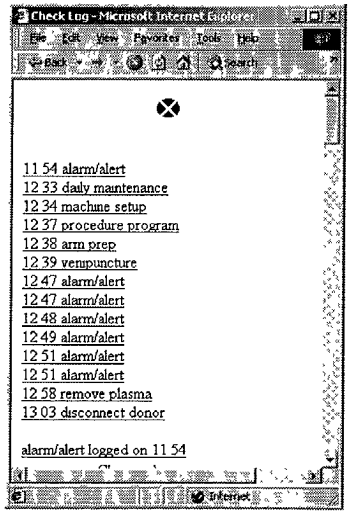



Fig. 83b



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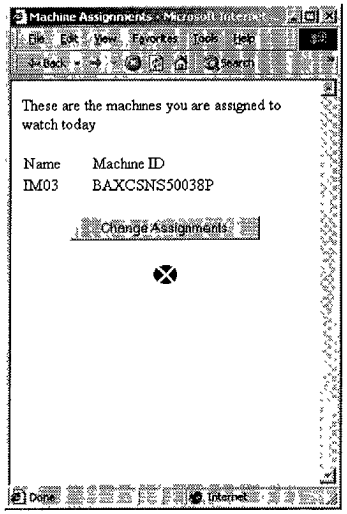


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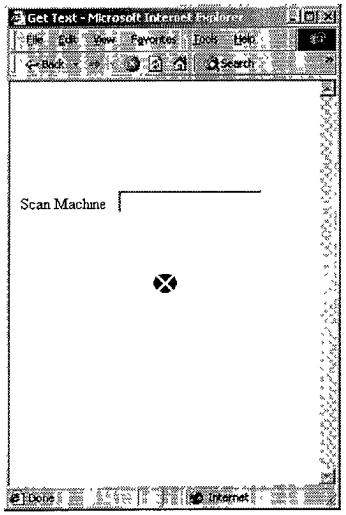


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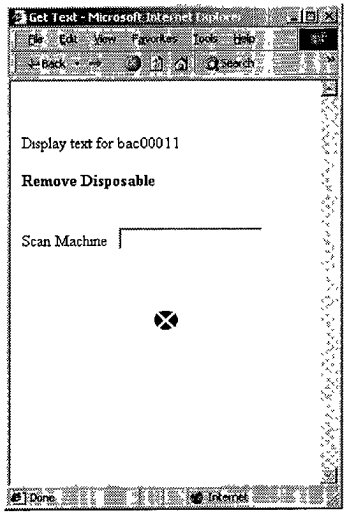

Fig. 86

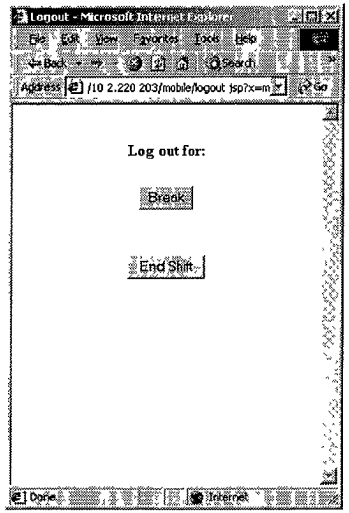
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Fig. 87a

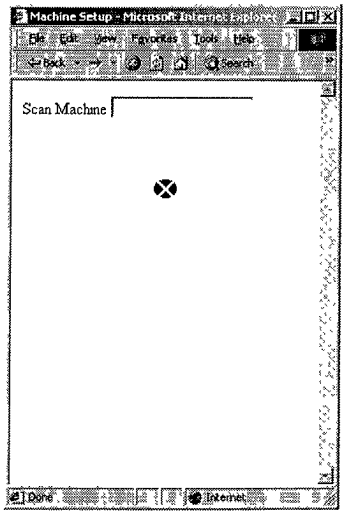



Fig. 87b

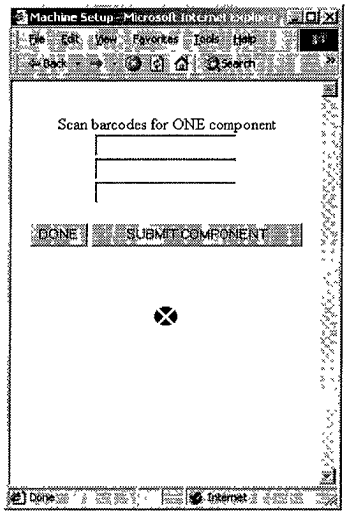



Fig. 87c

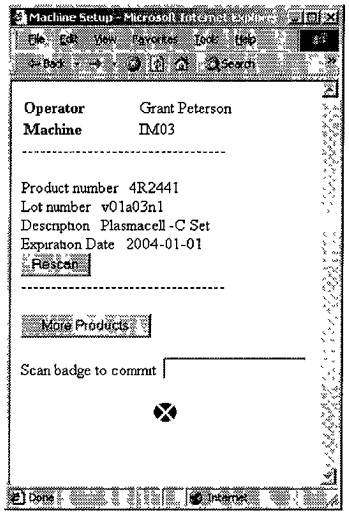


Fig. 88a

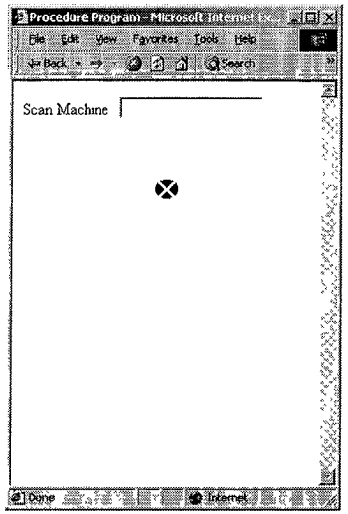
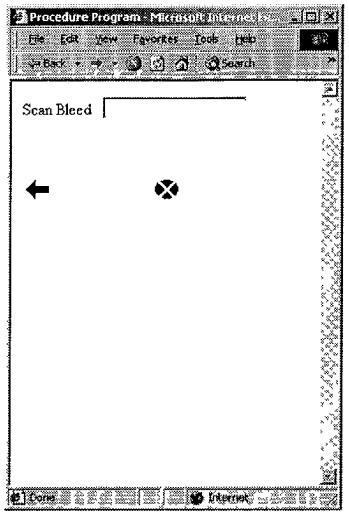



Fig. 88b

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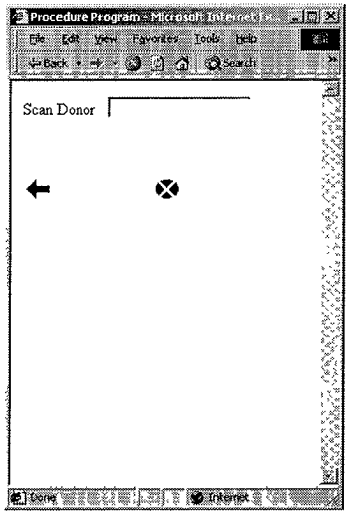


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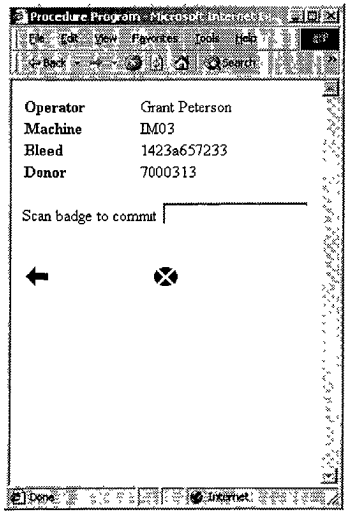



Fig. 88e

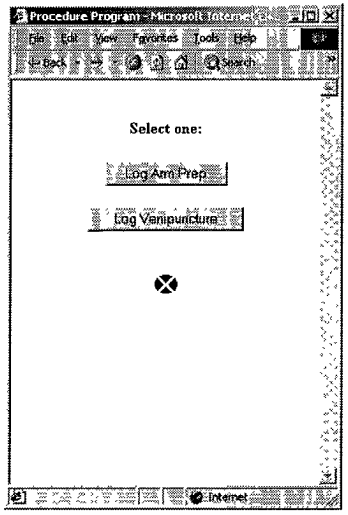


Fig. 89a

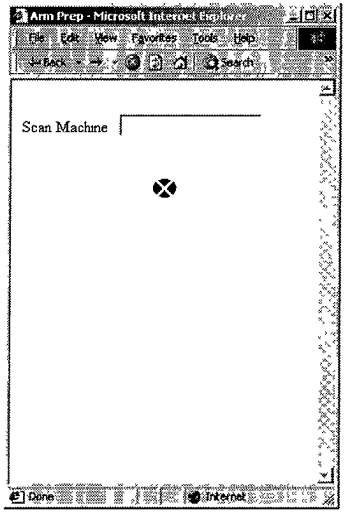



Fig. 89b

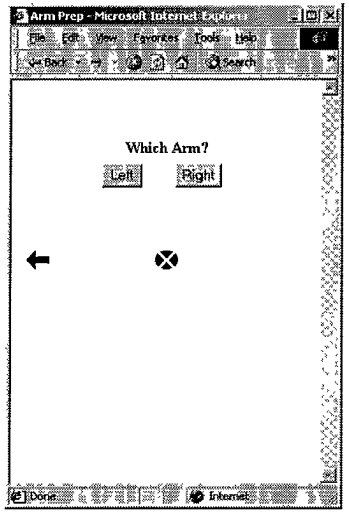
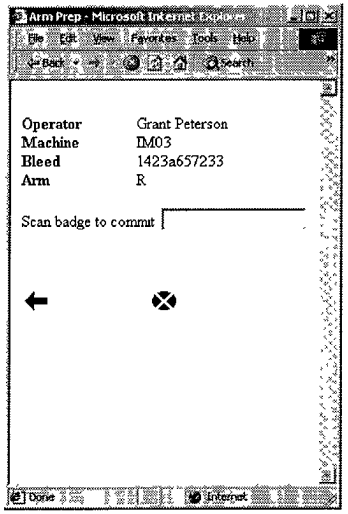



Fig. 89c

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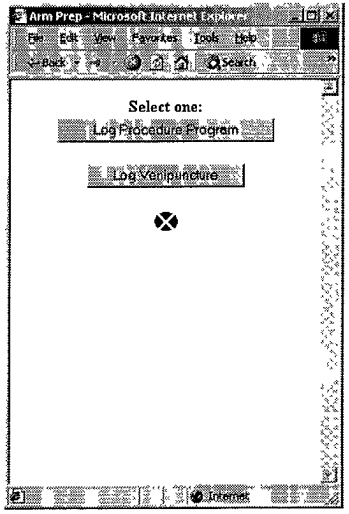


Fig. 90a

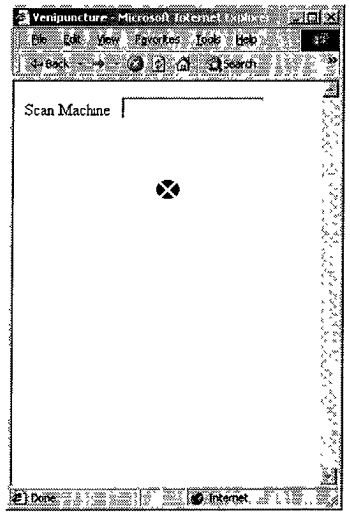



Fig. 90b

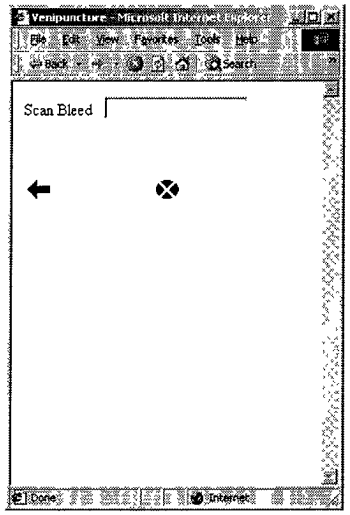
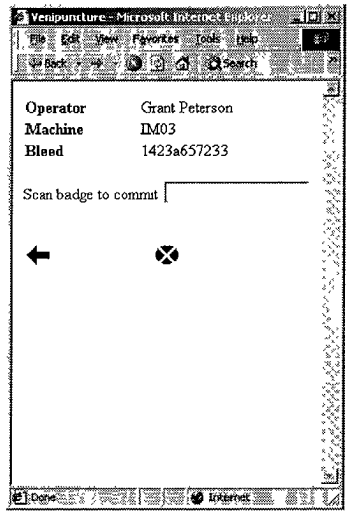



Fig. 90c

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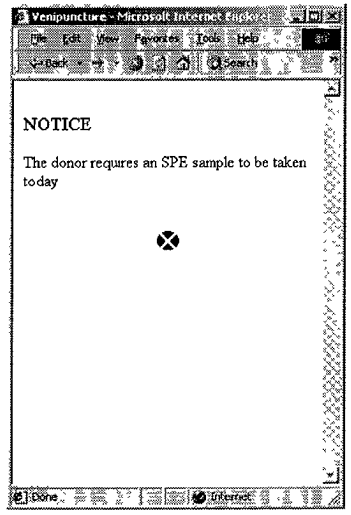


Fig. 91a

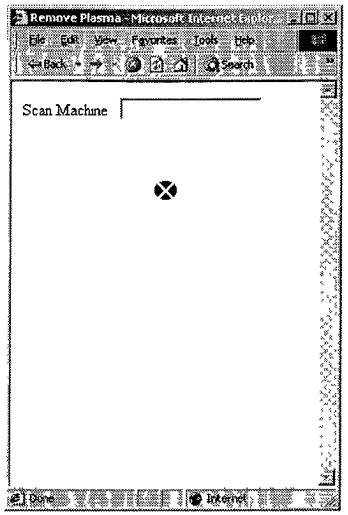



Fig. 91b

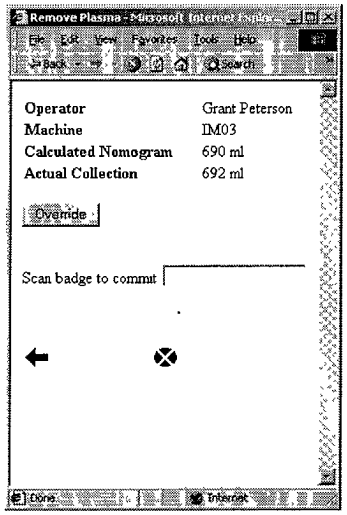
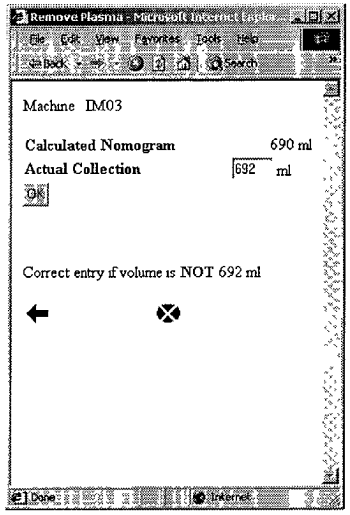



Fig. 91c

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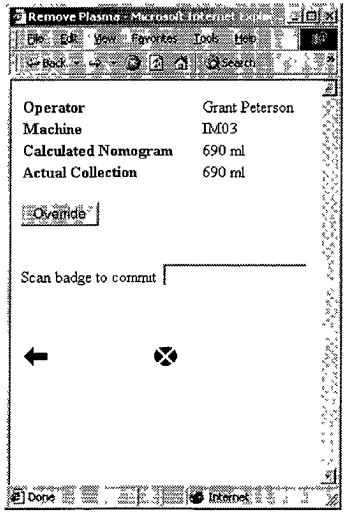


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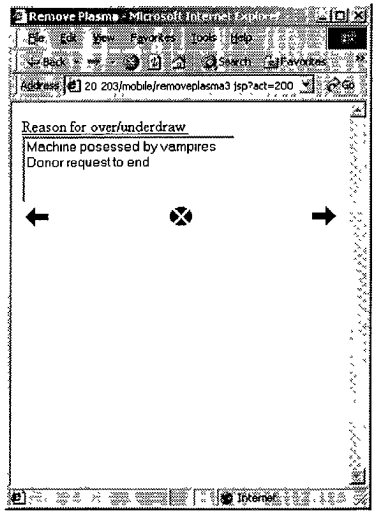


Fig. 92a

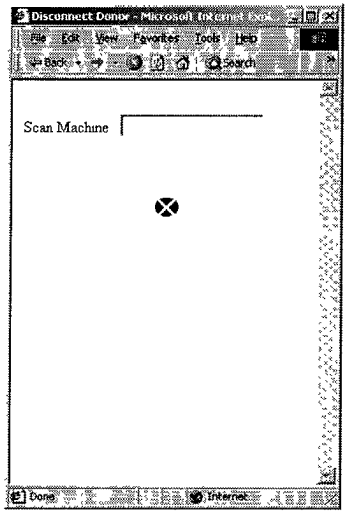



Fig. 92b

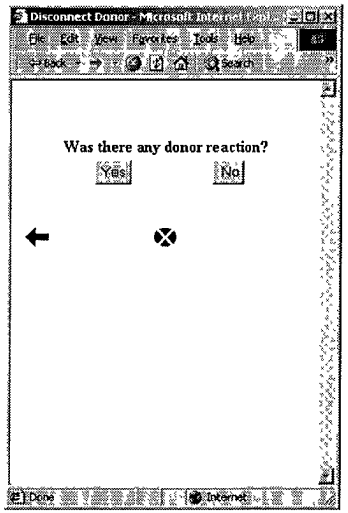



Fig. 92c

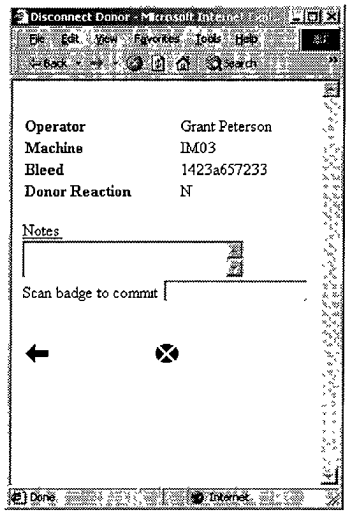


Fig. 93a

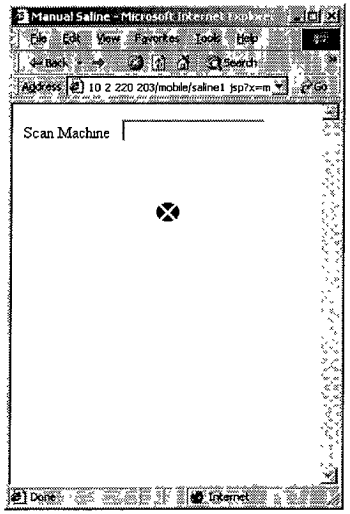



Fig. 93b

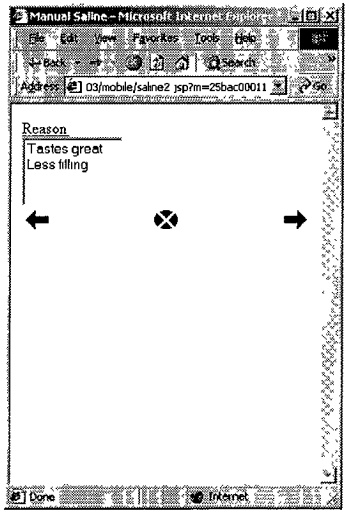



Fig. 93c

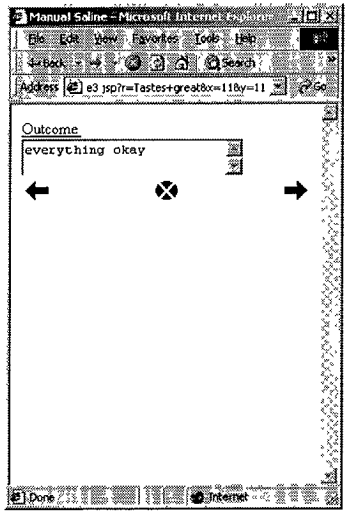



Fig. 93d

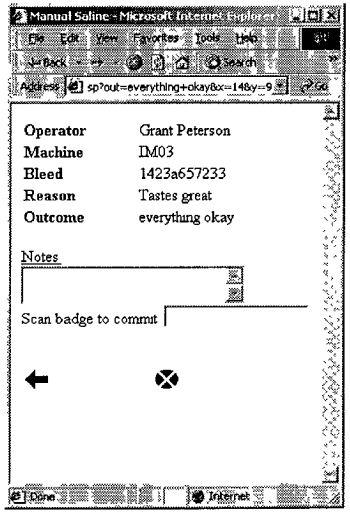


Fig. 94a

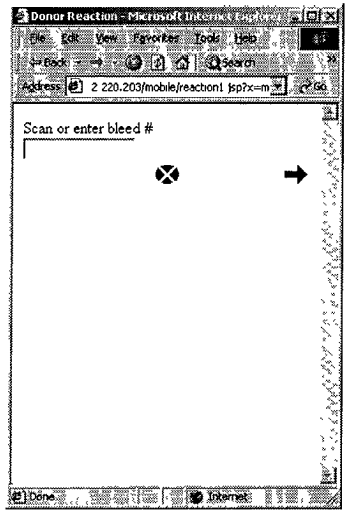



Fig. 94b

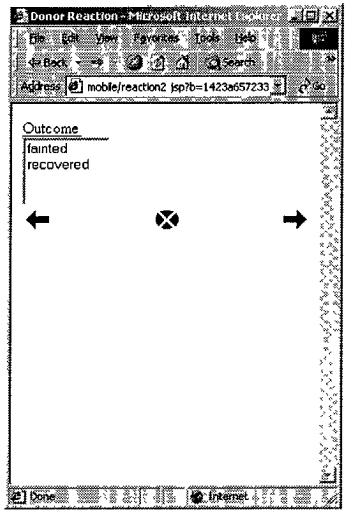



Fig. 94c

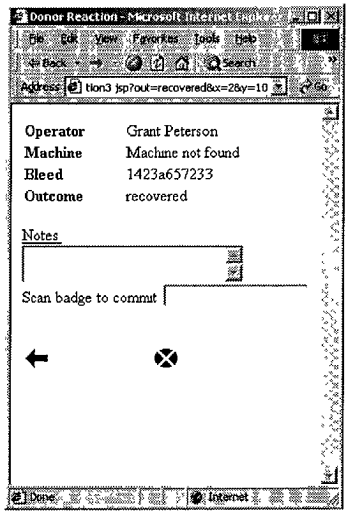


Fig. 95a

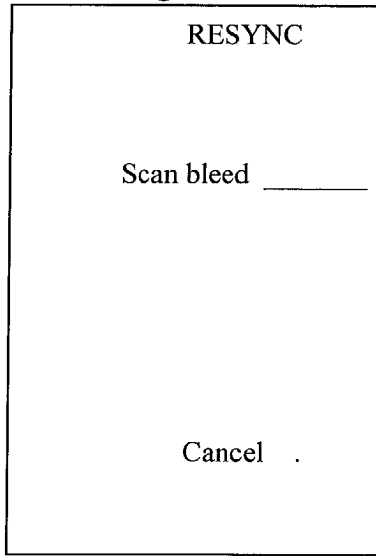



Fig. 95b

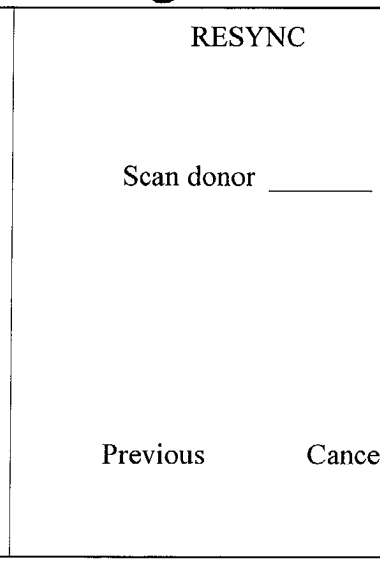



Fig. 95c

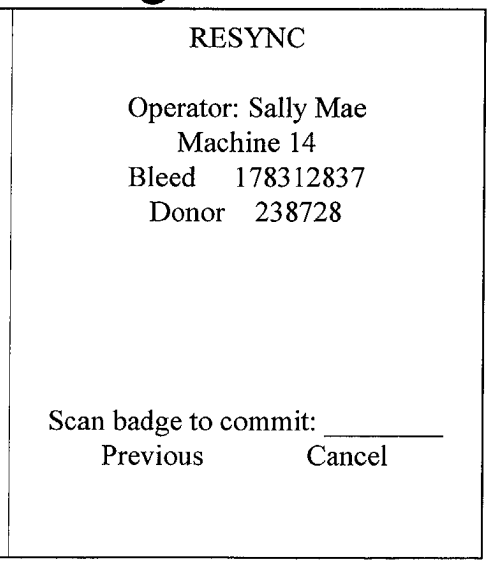


Fig. 96a

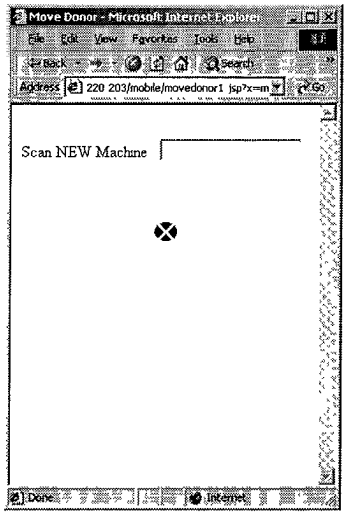



Fig. 96b

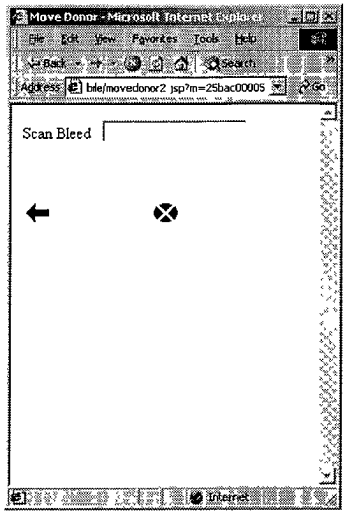



Fig. 96c

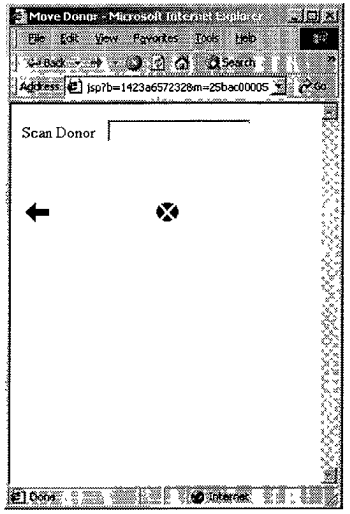



Fig. 96d

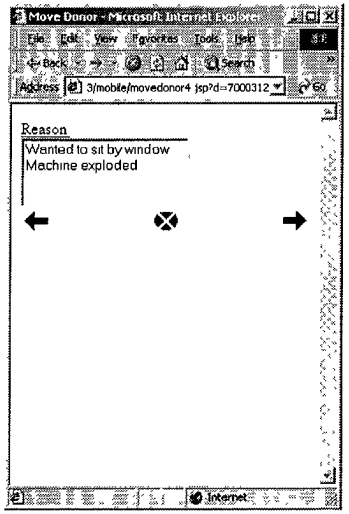



Fig. 96e

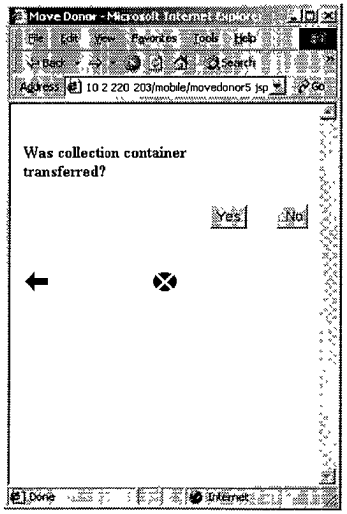



Fig. 96f

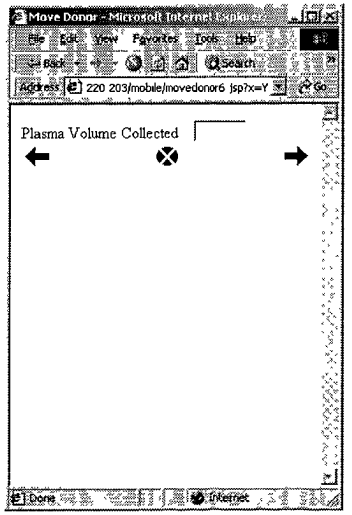


Fig. 96g

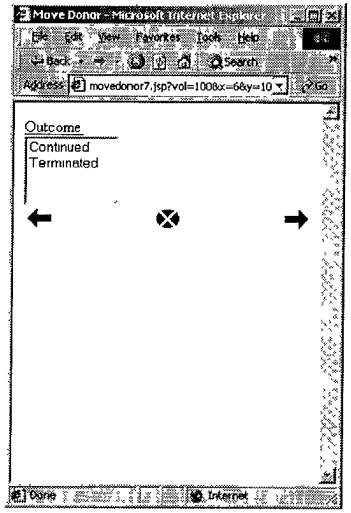



Fig. 96h

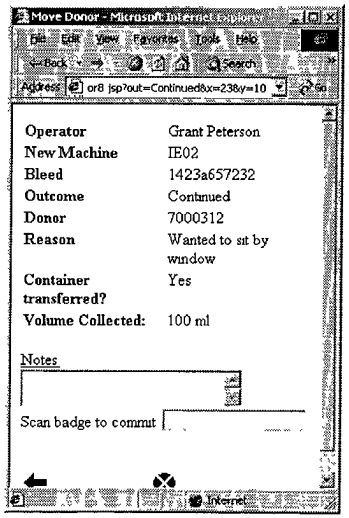



Fig. 96i

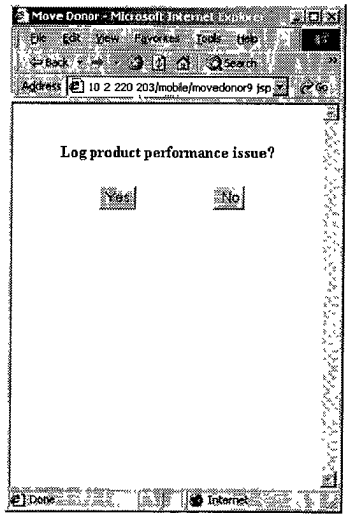


Fig. 97a

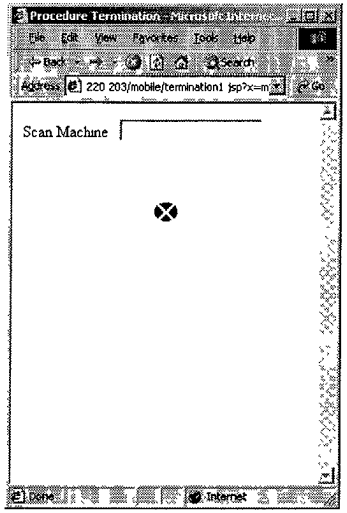



Fig. 97b

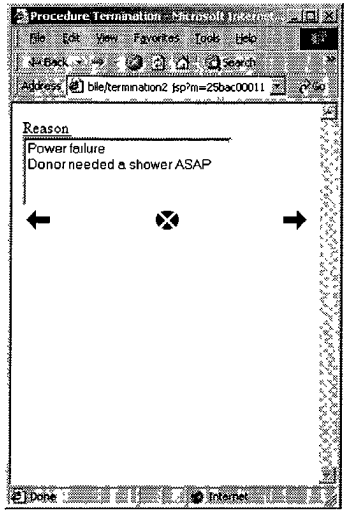



Fig. 97c

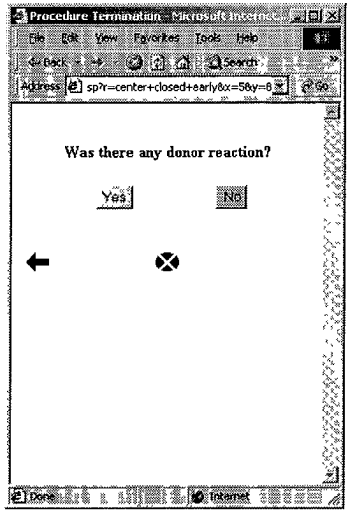



Fig. 97d

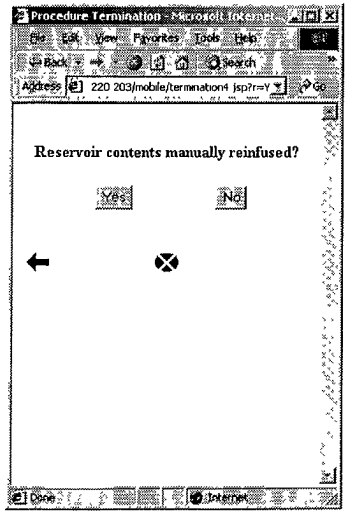



Fig. 97e

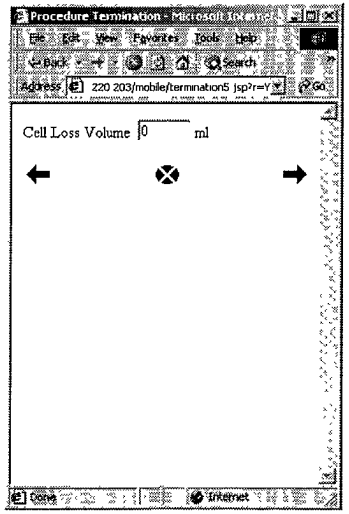



Fig. 97f

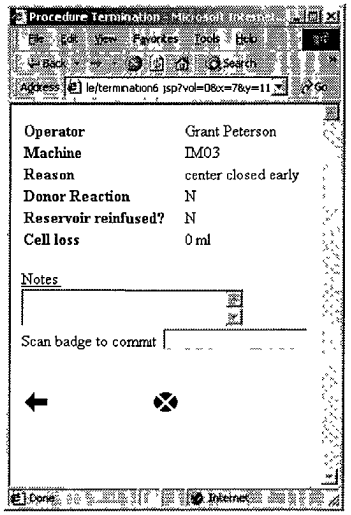


Fig. 98a

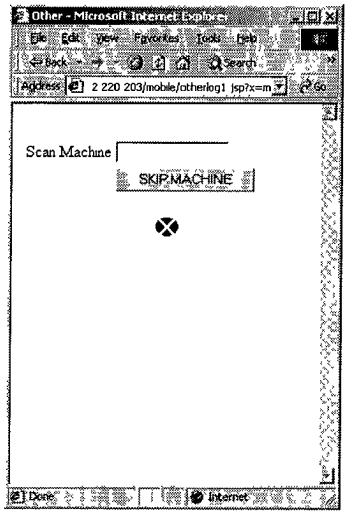



Fig. 98b

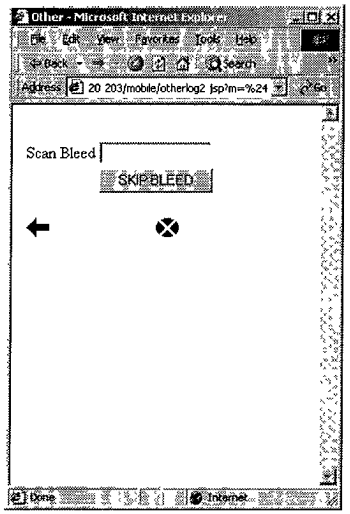



Fig. 98c

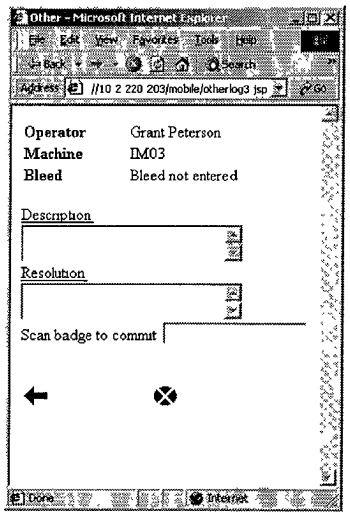


Fig. 99a

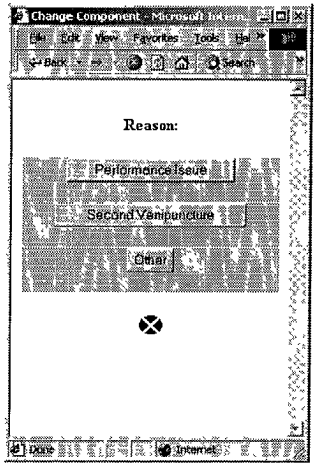
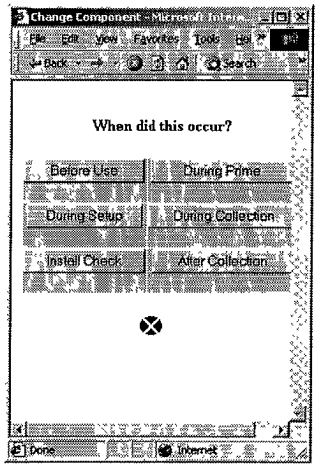



Fig. 99b



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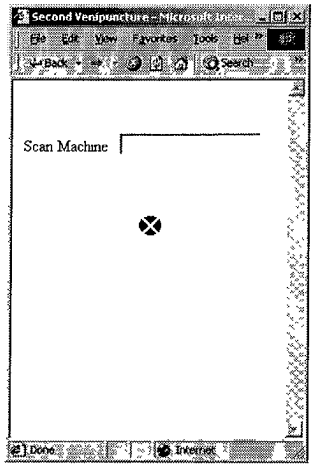



Fig. 99d

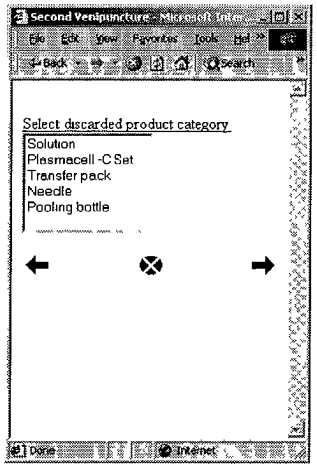



Fig. 99e

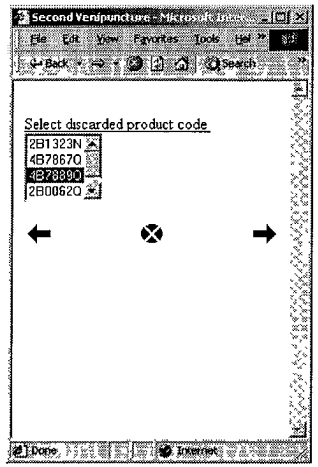



Fig. 99f

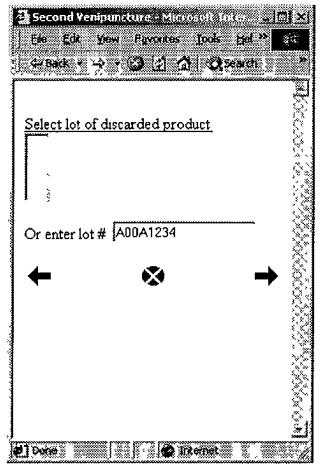



Fig. 99g

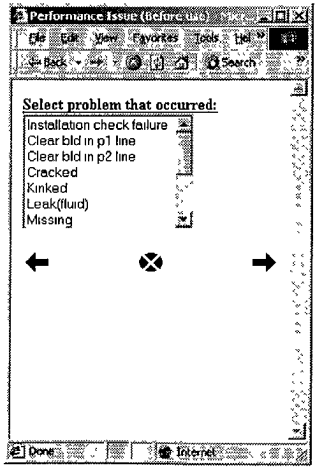



Fig. 99h

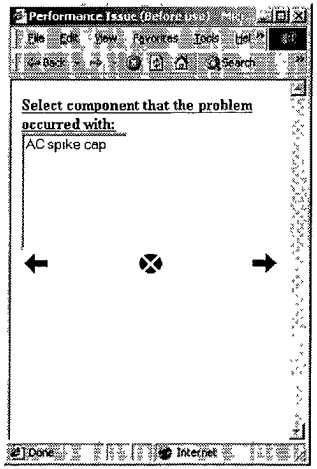



Fig. 99i

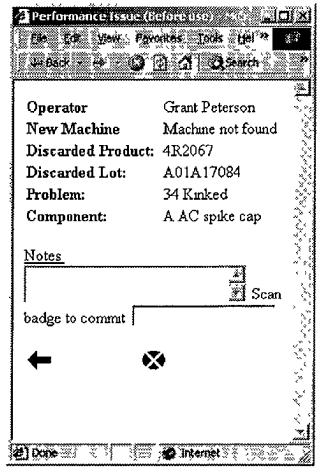


Fig. 99j

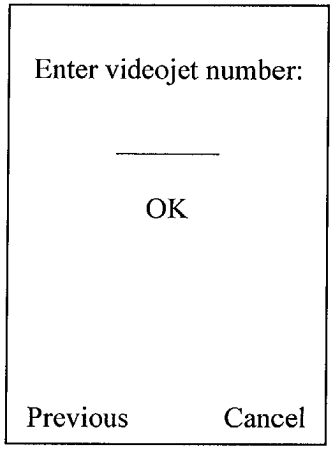



Fig. 99k

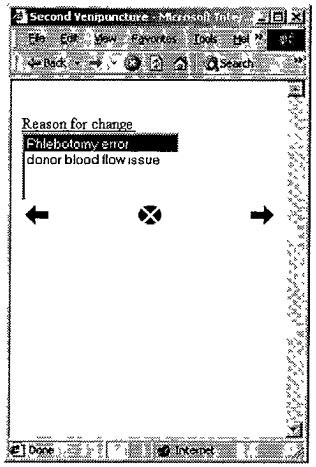



Fig. 99l

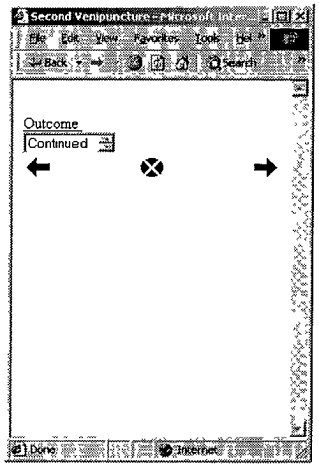



Fig. 99m

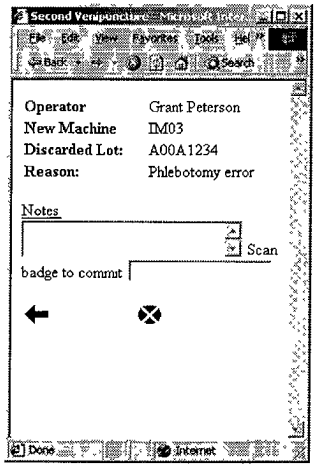



Fig. 99n

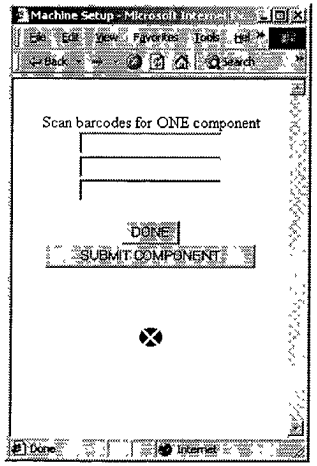



Fig. 99o

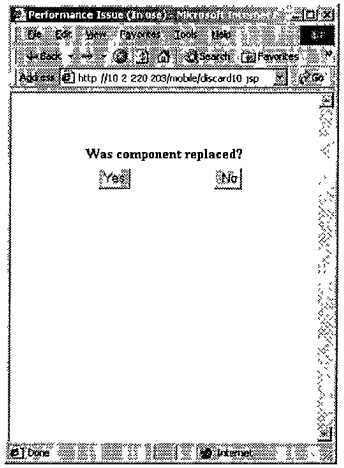


Fig. 100a

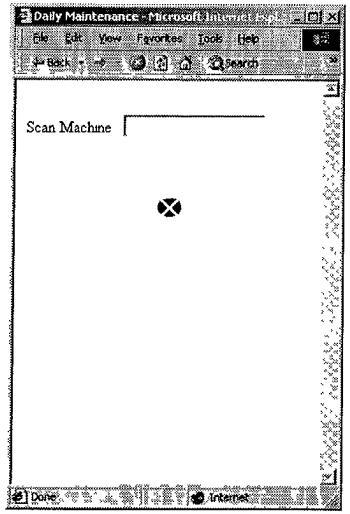



Fig. 100b

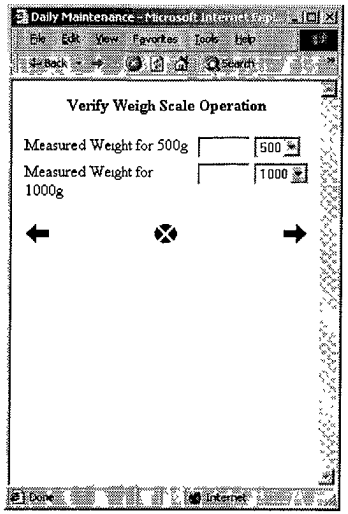



Fig. 100c

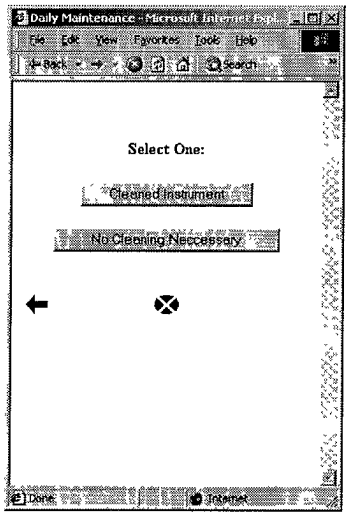



Fig. 100d

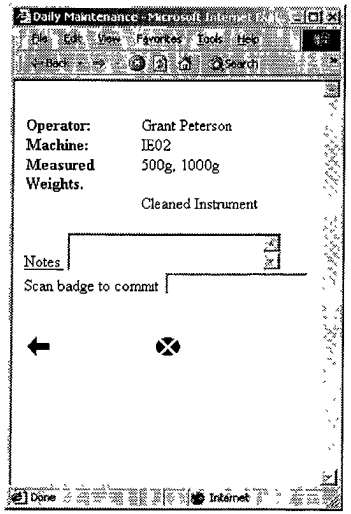



Fig. 100e

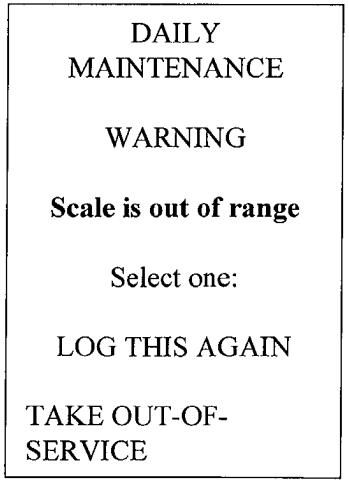



Fig. 100f

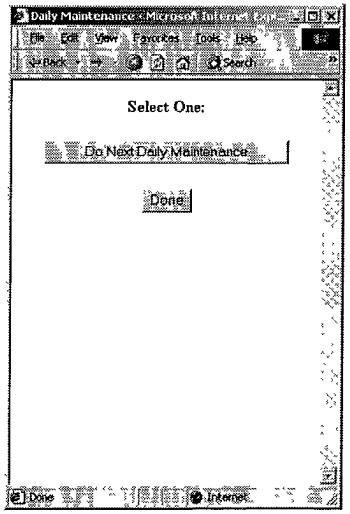


Fig. 101a

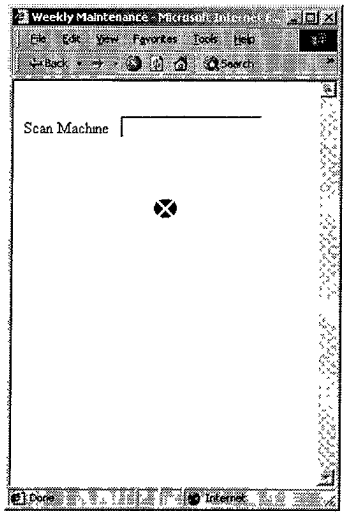



Fig. 101b

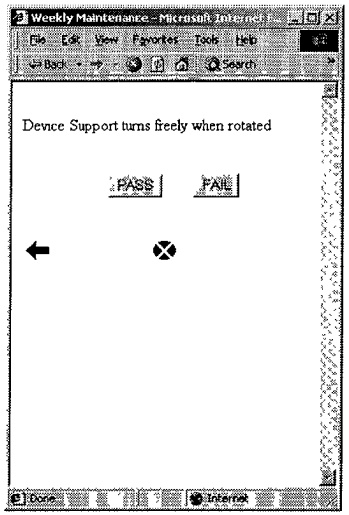



Fig. 101c

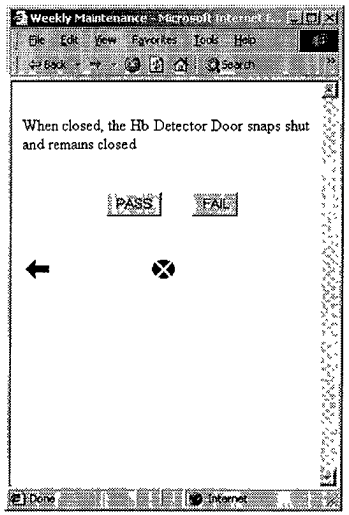



Fig. 101d

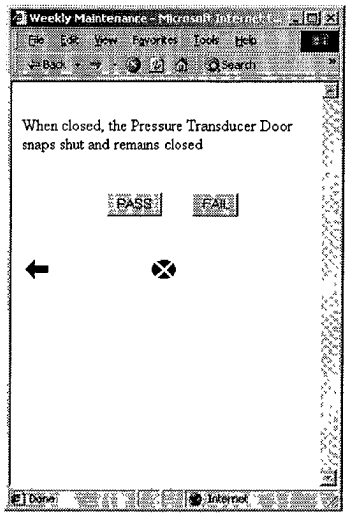



Fig. 101e

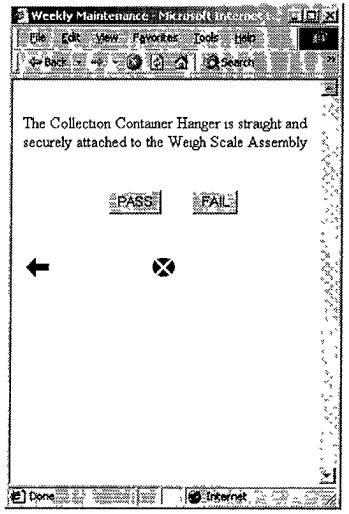



Fig. 101f

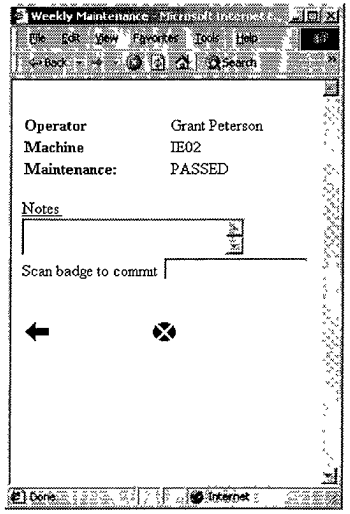



Fig. 101g

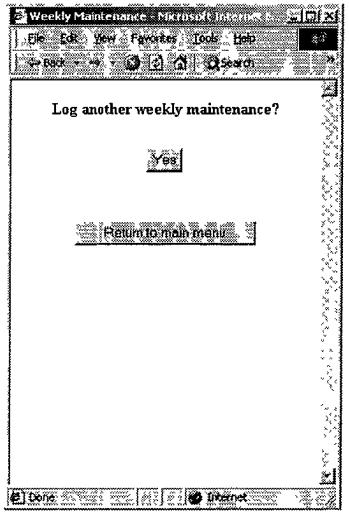



Fig. 101h

WEEKLY MAINTENANCE

Since the maintenance failed, you should now place the machine out of service.

OK

Return to main menu

Patent Application

Fig. 102a

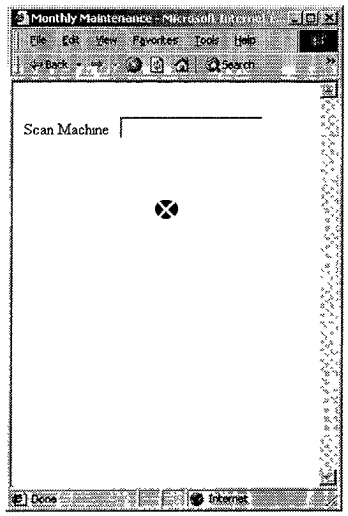



Fig. 102b

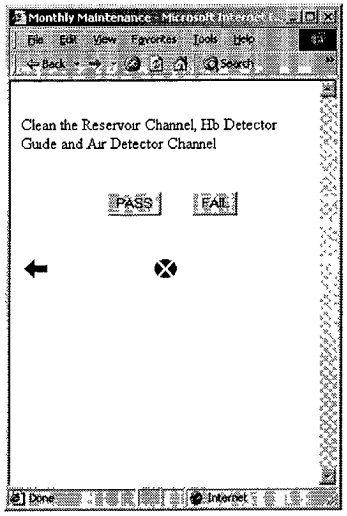



Fig. 102c

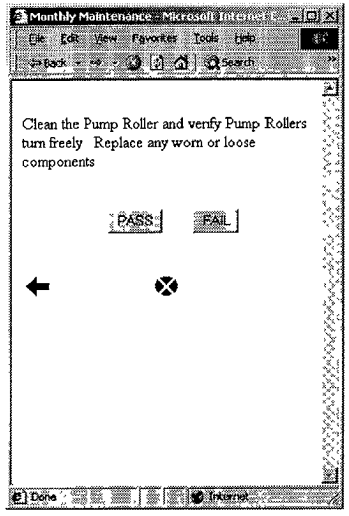



Fig. 102d

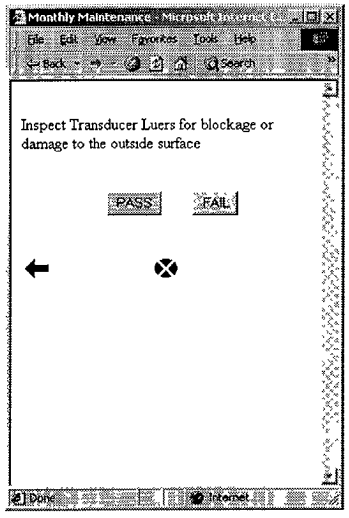



Fig. 102e

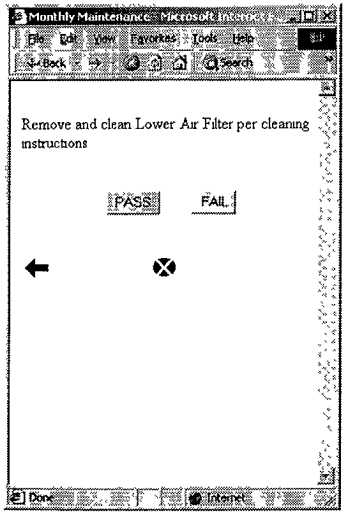



Fig. 102f

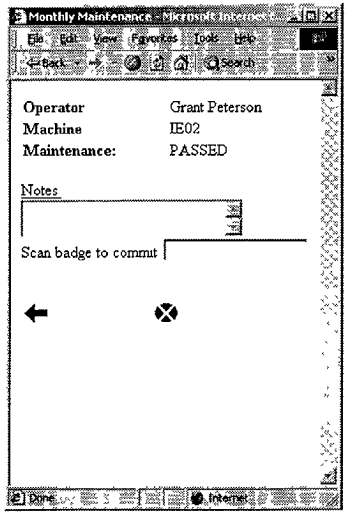



Fig. 102g

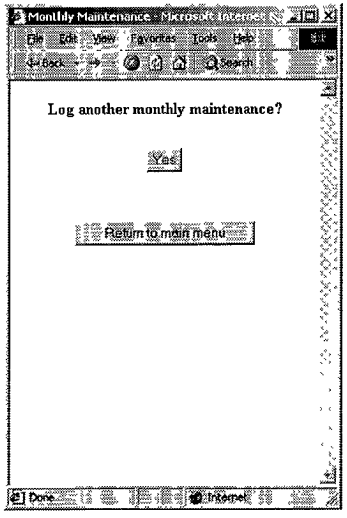



Fig. 102h

MONTHLY MAINTENANCE

Since the maintenance failed, you should now place the machine out of service.

OK

Return to main menu

Fig. 103a

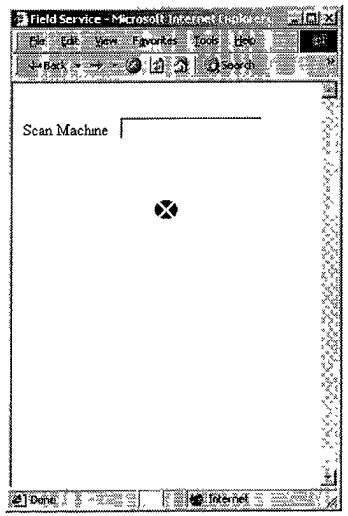



Fig. 103b

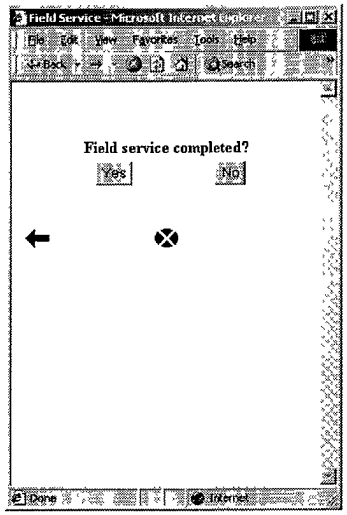



Fig. 103c

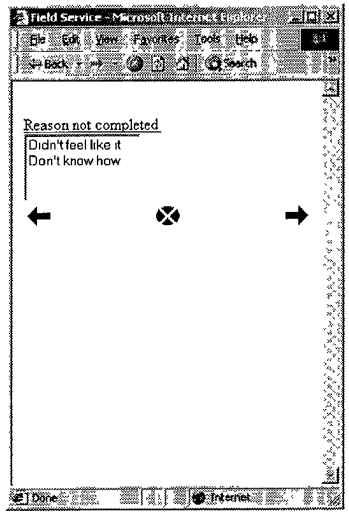



Fig. 103d

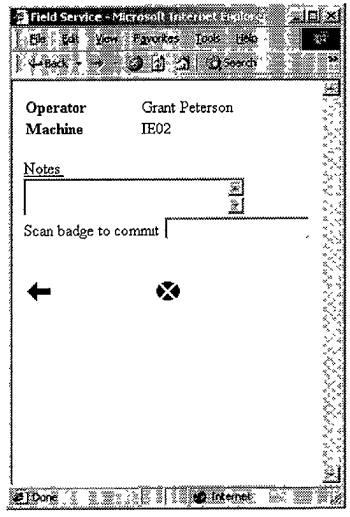


Fig. 104a

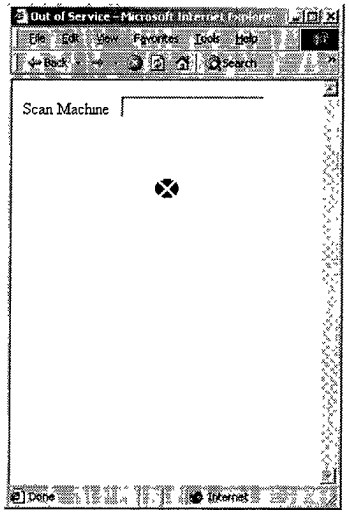



Fig. 104b

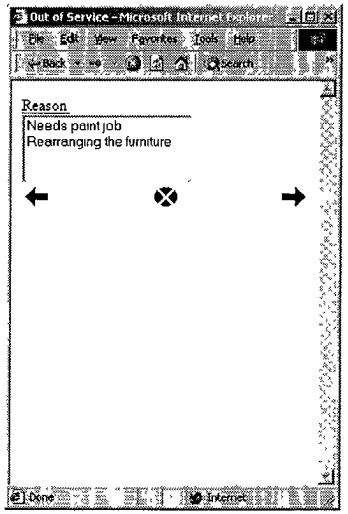



Fig. 104c

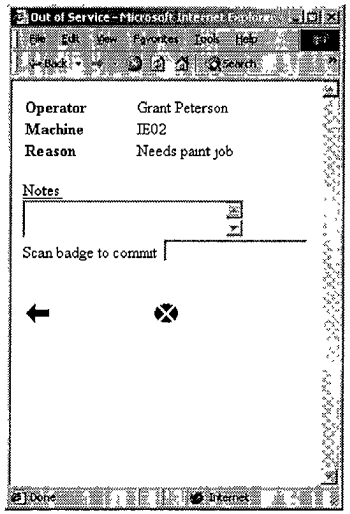


Fig. 105a

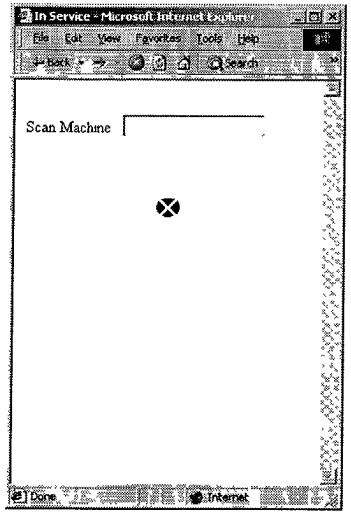



Fig. 105b

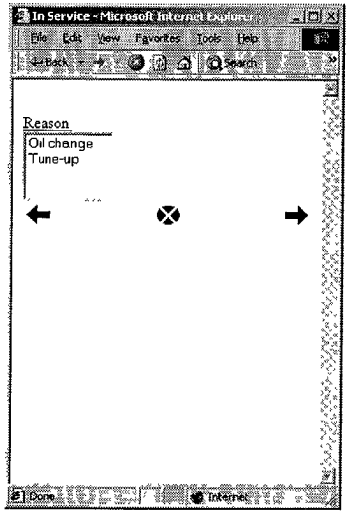



Fig. 105c

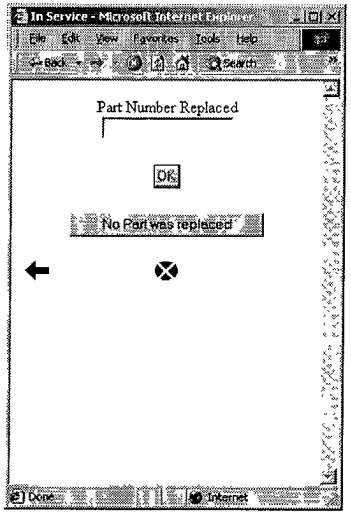



Fig. 105d

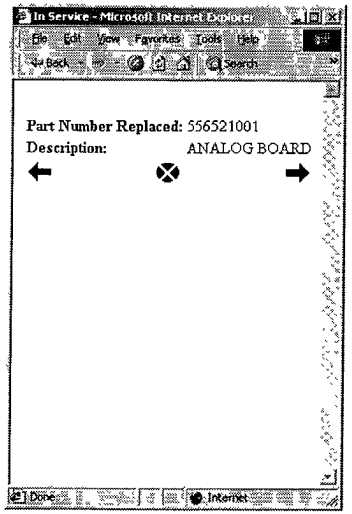



Fig. 105e

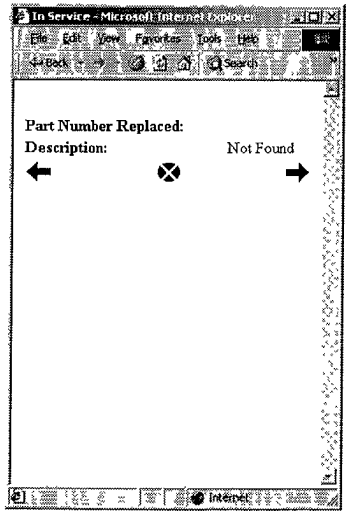
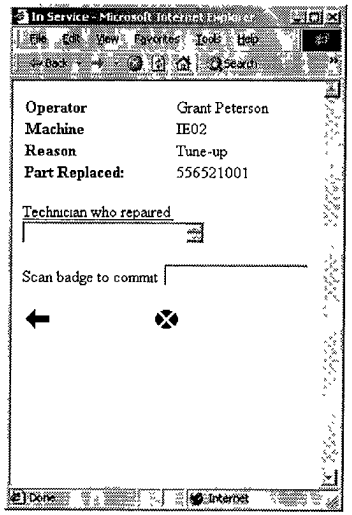
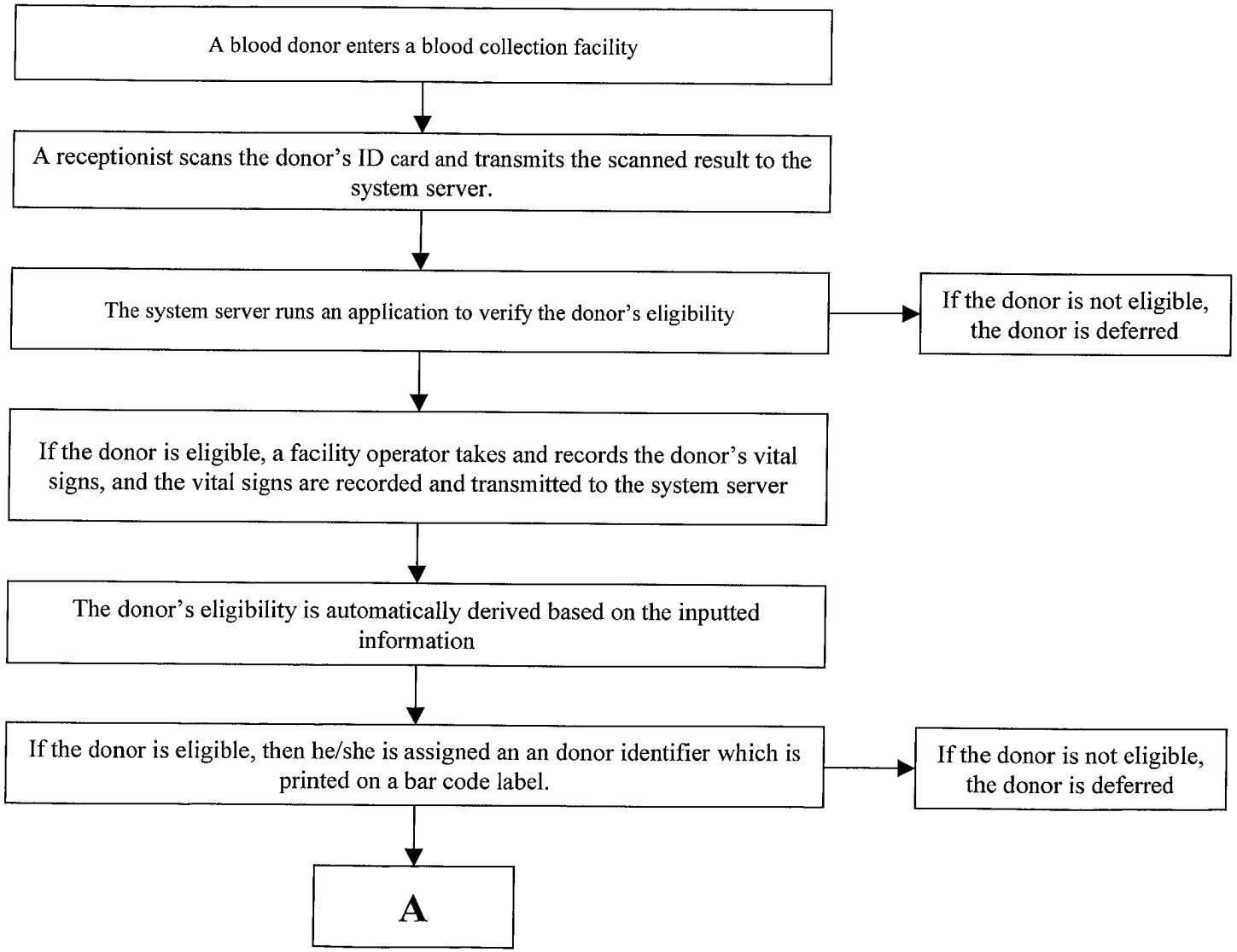
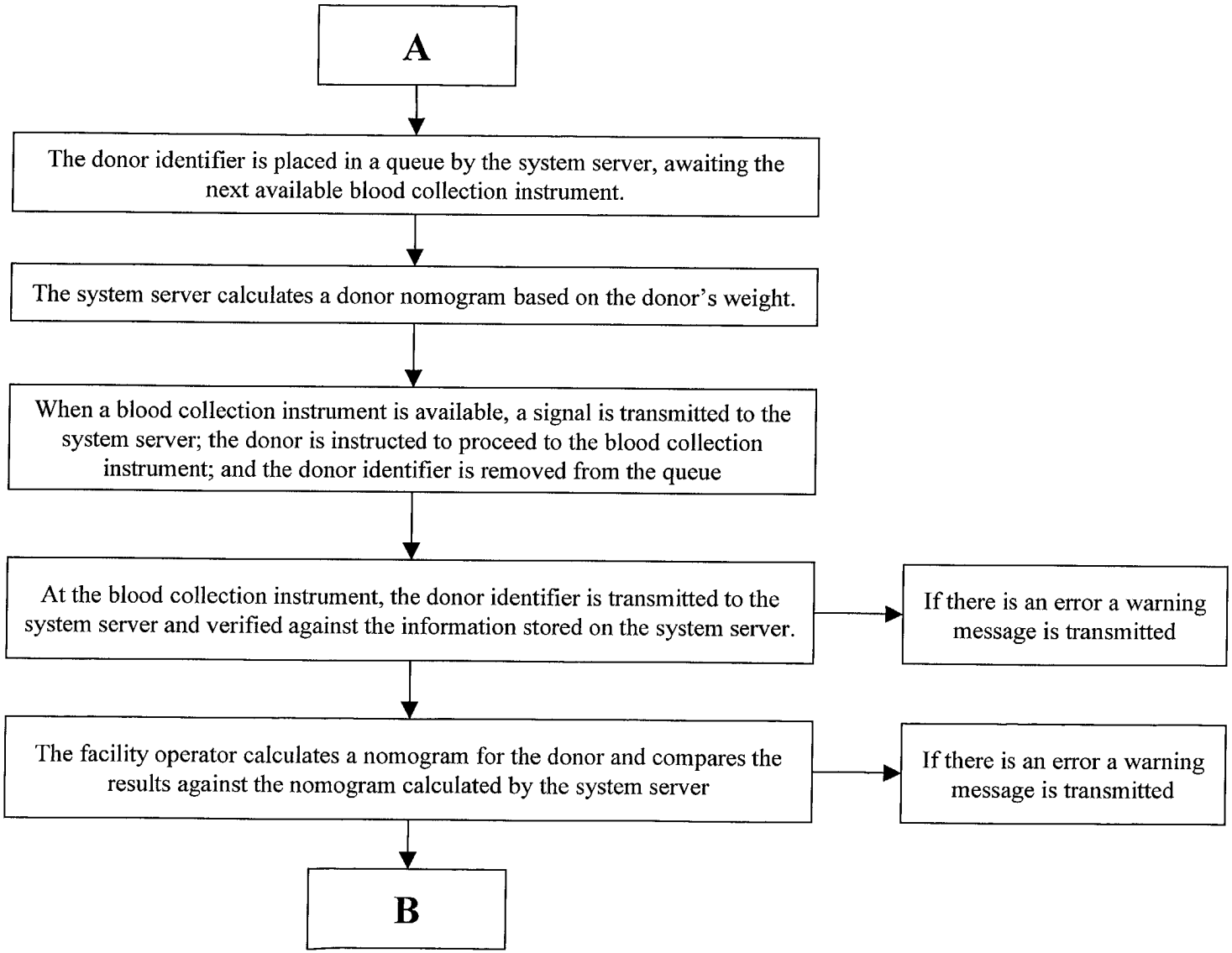


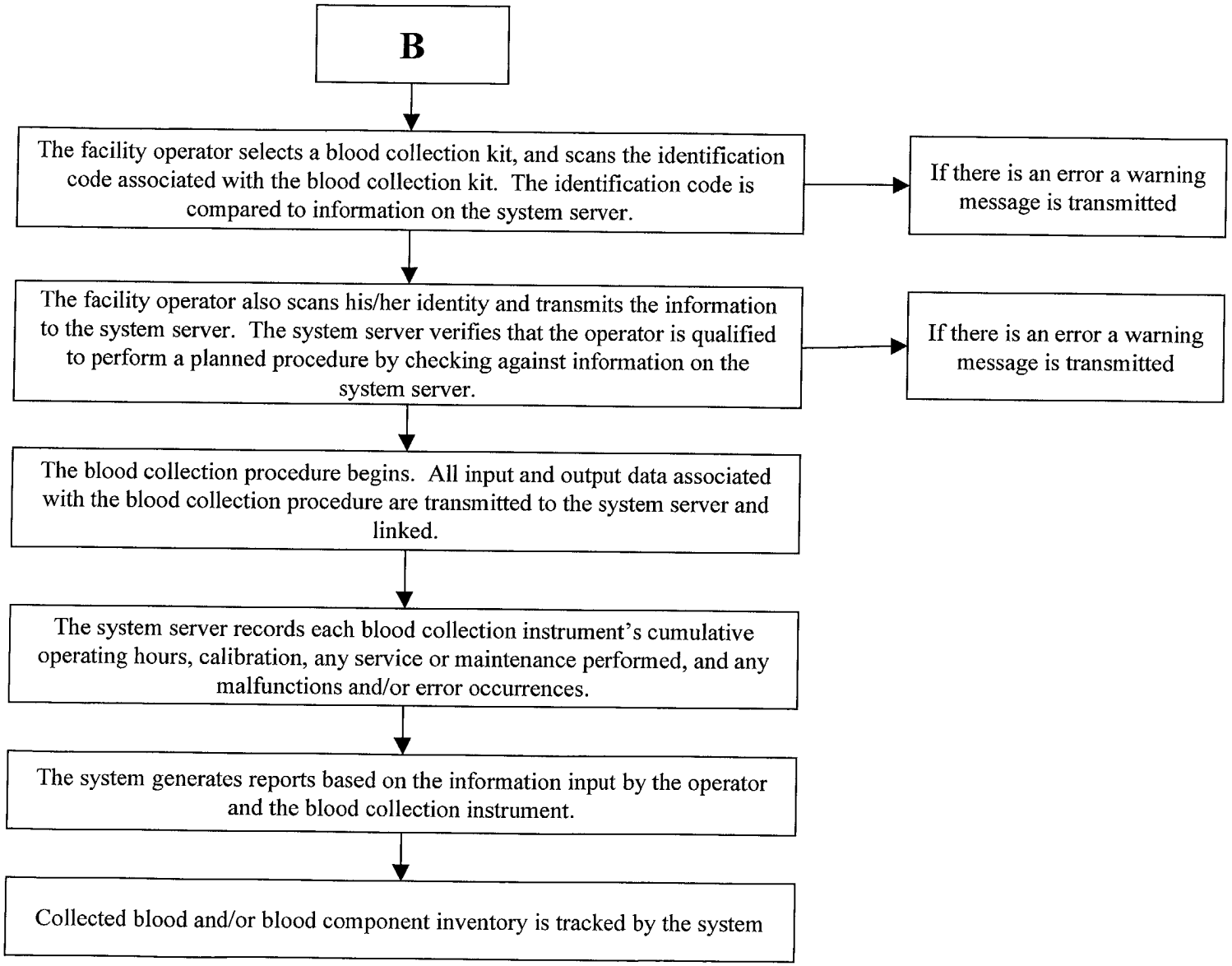

Fig. 105f



# Fig. 106


A blood donor enters a blood collection facility
A receptionist scans the donor's ID card and transmits the scanned result to the system server.
The system server runs an application to verify the donor's eligibility
If the donor is not eligible, the donor is deferred
If the donor is eligible, a facility operator takes and records the donor's vital signs, and the vital signs are recorded and transmitted to the system server
The donor's eligibility is automatically derived based on the inputted information
If the donor is eligible, then he/she is assigned an an donor identifier which is printed on a bar code label.
If the donor is not eligible, the donor is deferred
A


A
The donor identifier is placed in a queue by the system server, awaiting the next available blood collection instrument.
The system server calculates a donor nomogram based on the donor's weight.
When a blood collection instrument is available, a signal is transmitted to the system server; the donor is instructed to proceed to the blood collection instrument; and the donor identifier is removed from the queue
At the blood collection instrument, the donor identifier is transmitted to the system server and verified against the information stored on the system server.
If there is an error a warning message is transmitted
The facility operator calculates a nomogram for the donor and compares the results against the nomogram calculated by the system server
If there is an error a warning message is transmitted
B


B
The facility operator selects a blood collection kit, and scans the identification code associated with the blood collection kit. The identification code is compared to information on the system server.
If there is an error a warning message is transmitted
The facility operator also scans his/her identity and transmits the information to the system server. The system server verifies that the operator is qualified to perform a planned procedure by checking against information on the system server.
If there is an error a warning message is transmitted
The blood collection procedure begins. All input and output data associated with the blood collection procedure are transmitted to the system server and linked.
The system server records each blood collection instrument's cumulative operating hours, calibration, any service or maintenance performed, and any malfunctions and/or error occurrences.
The system generates reports based on the information input by the operator and the blood collection instrument.
Collected blood and/or blood component inventory is tracked by the system